

**Travel Forecasts  
for the  
San Francisco Bay Area  
1990 - 2030**

**Data Summary**

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**List of Tables**

A. Regional Summary of Bay Area Demographic & Travel Forecasts..... 8

B. Change in Bay Area Demographic & Travel Forecasts, 2000 to 2030 ..... 9

  

1. Regional Summary of Bay Area Demographic & Vehicle Ownership Forecasts ..... 10

2. Regional Demographic Assumptions & Trip Generation Forecasts – 1990-2030..... 11

3. Regional Trip Rates and Trip Purpose Shares – 1990-2030..... 12

4. Regional Summary of Person Trips, Person Miles of Travel and Average Trip Length..... 13

5. Trip Purpose Share of Regional Person Trips and Person Miles of Travel..... 14

6. Average Trip Length for Home-Based Work Trips, 1990-2030, by Superdistrict of Residence, County of Residence and Region..... 15

7. Average Trip Length for Home-Based Work Trips, 1990-2030, by Superdistrict of Work, County of Work and Region ..... 16

8. Home-Based Work Person Trips, County-to-County, 1990-2030..... 17

9. Home-Based Shop/Other Person Trips, County-to-County, 1990-2030..... 19

10. Home-Based Social/Recreation Person Trips, County-to-County, 1990-2030..... 21

11. Non-Home-Based Person Trips, County-to-County, 1990-2030..... 23

12. Home-Based Grade School Person Trips, County-to-County, 1990-2030..... 25

13. Home-Based High School Person Trips, County-to-County, 1990-2030..... 27

14. Home-Based College Person Trips, County-to-County, 1990-2030..... 29

15. Total Person Trips, County-to-County, 1990-2030..... 31

16. Total Commercial Vehicle Trips, County-to-County, 1990-2030 ..... 33

17. Bay Area Regional Trips by Trip Purpose and Travel Mode, 1990-2030 ..... 35

18. Share of Bay Area Regional Trips by Trip Purpose and Travel Mode, 1990-2030 ..... 38

19. Average Weekday Daily Vehicle Miles of Travel by County of Occurrence, 2000-2030... 41

20. Average Weekday Daily Vehicle Hours of Delay by County of Occurrence, 2000-2030... 42

21. Transit Operator Ridership, 2000-2030..... 43

22. Transit Operator Passenger Miles of Travel (PMT), 2000-2030 ..... 44

23. Transit Operator Passenger Hours of Travel (PHT), 2000-2030..... 45

  

A.1 Non-Working Households by MTC 34 Superdistrict & County, 1990-2030 ..... 46

A.2 Single-Worker Households by MTC 34 Superdistrict & County, 1990-2030..... 47

A.3 Multi-Worker Households by MTC 34 Superdistrict & County, 1990-2030..... 48

A.4 Total Households by MTC 34 Superdistrict & County, 1990-2030..... 49

A.5 Share of Non-Working Households by MTC 34 Superdistrict & County, 1990-2030 .. 50

A.6 Share of Single-Worker Households by MTC 34 Superdistrict & County, 1990-2030 . 51

A.7 Share of Multi-Worker Households by MTC 34 Superdistrict & County, 1990-2030 .. 52

A.8 Zero Vehicle Households by MTC 34 Superdistrict & County, 1990-2030..... 53

A.9 Single Vehicle Households by MTC 34 Superdistrict & County, 1990-2030 ..... 54

A.10 Multi-Vehicle Households by MTC 34 Superdistrict & County, 1990-2030 ..... 55

A.11 Total Households by MTC 34 Superdistrict & County, 1990-2030..... 56

A.12 Share of Zero Vehicle Households by MTC 34 Superdistrict & County, 1990-2030.... 57

A.13 Share of Single Vehicle Households by MTC 34 Superdistrict & County, 1990-2030 . 58

A.14 Share of Multi-Vehicle Households by MTC 34 Superdistrict & County, 1990-2030 .. 59

A.15 Total Vehicles Available in Households by MTC 34 Superdistrict & County ..... 60

A.16	Average Total Vehicles Available per HH by MTC 34 Superdistrict & County.....	61
B.1	Home-Based Work Person Trip Ends by Superdistrict and County-of-Residence.....	62
B.2	Home-Based Work Person Trip Ends by Superdistrict and County-of-Work .....	63
C.1	County-to-County Home-Based Work Trips by Mode, 1990 Base Year .....	64
C.2	County-to-County Home-Based Work Trips by Mode, 2000 Base Year .....	66
C.3	County-to-County Home-Based Work Trips by Mode, 2006 Forecast Year.....	68
C.4	County-to-County Home-Based Work Trips by Mode, 2015 Forecast Year.....	70
C.5	County-to-County Home-Based Work Trips by Mode, 2025 Forecast Year.....	72
C.6	County-to-County Home-Based Work Trips by Mode, 2030 Forecast Year.....	74
C.7	County-to-County Total Personal Trips by Mode, 1990 Base Year .....	76
C.8	County-to-County Total Personal Trips by Mode, 2000 Base Year .....	78
C.9	County-to-County Total Personal Trips by Mode, 2006 Forecast Year .....	80
C.10	County-to-County Total Personal Trips by Mode, 2015 Forecast Year .....	82
C.11	County-to-County Total Personal Trips by Mode, 2025 Forecast Year .....	84
C.12	County-to-County Total Personal Trips by Mode, 2030 Forecast Year .....	86
C.13	Home-Based Work Person Trips by Mode, Superdistrict-of-Residence, 1990.....	88
C.14	Home-Based Work Person Trips by Mode, Superdistrict-of-Work, 1990.....	89
C.15	Home-Based Work Person Trips by Mode, Superdistrict-of-Residence, 2000.....	90
C.16	Home-Based Work Person Trips by Mode, Superdistrict-of-Work, 2000.....	91
C.17	Home-Based Work Person Trips by Mode, Superdistrict-of-Residence, 2006.....	92
C.18	Home-Based Work Person Trips by Mode, Superdistrict-of-Work, 2006.....	93
C.19	Home-Based Work Person Trips by Mode, Superdistrict-of-Residence, 2015 .....	94
C.20	Home-Based Work Person Trips by Mode, Superdistrict-of-Work, 2015.....	95
C.21	Home-Based Work Person Trips by Mode, Superdistrict-of-Residence, 2025 .....	96
C.22	Home-Based Work Person Trips by Mode, Superdistrict-of-Work, 2025.....	97
C.23	Home-Based Work Person Trips by Mode, Superdistrict-of-Residence, 2030.....	98
C.24	Home-Based Work Person Trips by Mode, Superdistrict-of-Work, 2030.....	99
D.1	Highway System Supply: Total Lane-Miles by Facility Type by County, 2000-2030	100
D.2	Transit System Supply: AM Peak Hour Passenger Seat-Miles, 2000-2030.....	101
	Map of MTC 34 Superdistricts .....	102

Electronic Tables Not Included in Printed Data Summary:

E.1	Home-Based Work Person Trips, Superdistrict-to-Superdistrict, 1990-2030 .....	E.1
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## **I. INTRODUCTION**

This data summary provides selected tabular summaries of MTC regional travel demand forecasts. Data includes MTC 34 superdistrict, county and regional level results of the household auto ownership, trip generation, trip distribution and mode choice forecasts. Data is provided for selected forecast years, including: 1990, 2000, 2006, 2015, 2025 and 2030.

The travel forecasts are based on the Association of Bay Area Governments' (ABAG) Projections 2003 series of demographic / economic / land use forecasts, and MTC interpolations for a 2006 year.

Data is shown for average weekday daily totals, unless otherwise indicated. No annualized data is included in this summary.

The audience for this data summary is the transportation planners, transportation engineers, urban planners, media and general public interested in Bay Area travel patterns and MTC forecasts. The casual or general reader may be interested in the overall picture of travel that is presented in this report.

The travel demand model system used to prepare these travel forecasts is the BAYCAST-90 model system. It is a microcomputer-based forecasting system using MTC-developed software, and commercial network planning software packages – CUBE/Voyager. Forecasts are prepared at MTC's 1,454 regional travel analysis zone system. Results are aggregated and reported at MTC's 34 superdistrict and the nine county-level.

The forecasts for year 1990 are based on ABAG Projections 2000 data, and MTC's 1,099 regional travel analysis zone system.

“Big picture” regional demographic and travel forecast results are shown in Table A and B. These two tables are intended as “executive summary” tabulations for general use.

## **II. ANALYSIS OF RESULTS**

This data summary comprises 23 main tables and numerous appendix tables documenting results of MTC regional travel demand forecasts through mode choice and trip assignment.

Regional data on demographic and vehicle ownership forecasts is summarized in Table 1. In terms of household vehicle ownership, MTC is forecasting a 33 percent increase between 2000 and 2030. This compares to a 29 percent increase in regional households and total Bay Area population, 2000 to 2030. The absolute number of zero-vehicle households is projected to increase from 247 thousand households in 2000 to 311 thousand households by 2030.

Regional demographic assumptions and regional trip generation results is shown in Table 2. The forecasts show a steady growth in overall person trips, increasing from 21.0 million person trips per average weekday in 2000 to 28.5 million person trips per average weekday by the year 2030.

Person trips includes one-way travel of persons by all means of transportation, including non-motorized travel.

Commercial vehicle trips are expected to increase from an average of 3.4 million trips per weekday in 2000 to 4.7 million trips per weekday by 2030. This includes all types of commercial vehicles, including four-tire delivery trucks and taxis.

Regional trip rates are summarized in Table 3. Home-based work trips per worker is expected to increase from 1.55 trips per worker in 2000 to 1.59 trips per worker by the year 2030. This increase is due to a shift to higher income workers, where higher income workers tend to take more home-based work trips than lower income workers.

Home-based shop/other trips per household is projected to increase from 2.11 trips per household in 2000 to 2.24 trips/household in 2030. Home-based social/recreation trips are expected to increase from 1.00 to 1.07 trips per households per average weekday over the same time period.

Non-home-based trips are estimated on growth in total employment and total households, as opposed to households and household characteristics. Non-home-based trips are projected to increase from 2.36 trips per household in 2000 to 2.49 trips per household by 2030.

Home-based school trips per households are projected to decrease between 2000 and 2030. This is due to the aging of the baby-boomer population, especially in the post-2006 time period.

Overall average total trips per household per average weekday is projected to increase between 2000 and 2030, from 8.53 total person trips per household in 2000 to 8.94 total person trips per household by 2030.

No major shifts in trip purpose share are projected between 2000 and 2030. Non-home-based trips are expected to have the highest share of all trips, increasing from 27.7 percent of all trips in 2000 to 27.8 percent of all trips by 2030. Home-based work and home-based shop trips are each expected to comprise 25 to 27 percent of all trips. Home-based social/recreation trips (11 to 12 percent of total) and home-based school trips (9 to 11 percent of total trips) round out the share of trips by trip purpose.

A key output of trip distribution forecasts is the calculation of average trip lengths. Regional person trips, person miles of travel and average trip length in mile, by detailed

trip purpose, are included in Table 4. The share of person trips and person miles of travel by detailed trip purpose is summarized in Table 5.

Average trip lengths for home-based work trips are the longest for personal travel. Home-based work trip lengths are projected to increase from 11.6 miles per one-way person trip in 2000 to 12.0 miles per one-way person trip by the year 2030. Average work trip lengths are shortest for the lowest household income quartile (8.9 miles in 2000 increasing to 9.9 miles in 2030), and longest for workers in the highest income quartile (12.5 miles in 2000, decreasing to 12.2 miles by the year 2030.)

Home-based social/recreation trips have the longest average trip lengths of all non-work “discretionary” trips, generally stable at 6.0 to 6.1 miles per trip. Home-based grade school trips have the shortest average trip lengths at about 2.3 to 2.6 miles per average trip. Home-based college trips are the longest non-work trips, increasing from 8.7 miles in 2000 to 9.5 miles by the year 2030.

Overall person miles of travel are projected to increase from 139.8 million miles in 2000 to 193.6 million miles by 2030, a 38.5 percent increase. These values exclude commercial and interregional person miles of travel.

The plurality of person miles of travel in the Bay Area is for home-based work trips, increasing from 60.9 million person miles of travel in 2000 to 90.3 million person miles of travel per average weekday by the year 2030. This represents an increase in person mile share of 43.6 percent in 2000 increasing to 46.6 percent of all person miles of travel by the year 2030 (Table 5).

Average home-based work person trip lengths by MTC 34 superdistrict and county of residence are summarized in Table 6. Values for home-based work average trip length by superdistrict and county-of-work are in Table 7. In terms of year 2000 average work trip length, resident workers of greater downtown San Francisco have the shortest commutes at 3.9 miles per one-way commute. Resident workers of eastern Contra Costa County currently have the longest one-way commute, at 21.4 miles. By the year 2030, resident workers of Fairfield and Vacaville are projected to have the longest commute distances, averaging 24.9 miles. Note that these commute trip lengths are intra-regional, and exclude inter-regional work trips.

Commuters working in greater downtown San Francisco (superdistrict #1) have the longest work trip lengths in the Bay Area. Average work trip lengths to jobs in downtown San Francisco are projected to increase from 15.1 miles per one-way work trip in 2000, to 16.0 miles per one-way work trip in 2030.

County-to-county person trip tables by trip purpose are included in Tables 8 through 16. These trip tables exclude interregional trips. County level trip ends for these county-to-county trip tables are included at the end of each table.

Regional mode choice forecasts by detailed trip purpose and sub-purpose, 1990-2030, are included in Table 17. Regional modal shares are presented in Table 18.

The mode choice data for 1990 and 2000 reflect regional base year model validation results. The near-term forecasts for 2006 and 2015 represent “expected” networks that are consistent with MTC’s “financially constrained” networks. The outer-term 2025 and 2030 forecasts represent MTC’s “financially constrained plus sales tax” networks, and MTC forecasts prepared fall 2004 for the update of the 2005 Regional Transportation Plan (Transportation 2030).

Regional work trip transit shares are projected to increase from 10.9 percent in year 2000 to 12.5 percent by the year 2030. Work trip carpool shares (shared ride two plus shared ride three-or-more) are also projected to increase, from 13.6 percent in 2000 to 14.4 percent by 2030. Bicycle work trip shares are projected to increase from 1.1 to 1.4 percent, 2000 to 2030, whereas work trip walk-only shares are project to remain fairly stable at 3.3 percent.

Regional work trip transit shares vary by income quartile. The work trip transit share for the lowest income quartile (less than \$25,000 in 1990 constant dollars) is projected to increase from 15.0 percent in 2000 to 17.8 percent by the year 2030. For the highest income quartile (greater than \$75,000 in 1990 constant dollars), the work trip transit share is also projected to increase over the next thirty years, from 9.6 percent in 2000 to 11.7 percent by the year 2030.

Non-work transit shares range from a low of 2.6 percent for non-home-based trips to a high of 10.4 percent for home-based college trips.

Non-work walk-trip shares are typically much higher than for home-based work trips. Walk shares, for non-work trip purposes, range from 8.2 percent of home-based college trips to 22.4 percent of home-based grade school trips. By far the largest numbers of walk trips are non-home-based trips, typically the work-to-lunch and lunch-to-work trips during the middle of the day.

Non-work bicycle trip shares range from 0.6 percent of home-based shop/other trips, to 5.4 percent of home-based college trips.

Detailed county-to-county home-based work and total trips, by means of transportation, are included in Appendix C tables.

Highway system usage forecasts, by county-of-occurrence, is included in Table 19 (vehicle miles of travel, or VMT) and Table 20 (vehicle hours of delay, or VHD). These VMT and VHD forecasts include commercial as well as inter-regional travel (travel between the Bay Area and neighboring counties).

Average weekday daily vehicle miles of travel is projected to increase from 143.5 million VMT per day in 2000 to 202.8 million VMT per day in 2030, a 41.3 percent increase in regional vehicle travel.

Vehicle travel by county ranges from Napa County (2.5 million VMT in 2000 increasing to 3.7 million VMT in 2030) to Santa Clara County (37.2 million VMT in 2000 increasing to 53.7 million VMT in 2030). Alameda County is the second largest county in the Bay Area in terms of vehicle travel, with VMT projected to increase from 31.8 million VMT in 2000 to 48.1 million VMT/day by the year 2030.

Vehicle hours of delay (VHD) is an estimate based on AM peak period travel times, less free-flow travel times, and applied to the peak period volumes that are expected in the combined AM plus PM peak periods.

Average weekday daily vehicle hours of delay is projected to increase from 356 thousand hours per day in 2000 to 993 thousand hours per day in 2030, a 179 percent increase over thirty years.

This 179 percent increase in vehicle hours of delay (VHD) compares to a 41 percent increase in regional vehicle miles of travel (VMT), and a 5.2 percent increase in roadway miles (Appendix Table D.1).

Alameda County is predicted to have the highest share of regional highway delay, increasing from 21.7 percent of the regional delay in 2000 to 31.5 percent of the regional delay by the year 2030. This compares to Alameda County's share of regional VMT, which is only at 22.2 percent of the region's VMT in 2000, increasing to 23.7 percent of the region's VMT in 2030.

Vehicle hours of delay per capita (VHD divided by total population) is not provided in this data summary, given that the delay is for all vehicle trips that start, end or are passing through the county, and is not the delay generated for residents of any particular county.

Regional transit boardings and ridership projections, by major Bay Area transit operator, are provided in Table 21 (total boardings), Table 22 (passenger miles of travel), and Table 23 (passenger hours of travel). The footnotes on Table 21 are applicable to all transit numbers presented in this set of tables.

Regional transit boardings, including transfers, are projected to increase from 1.7 million boardings per weekday in 2000 to 2.7 million boardings per weekday in 2030, a 55 percent increase in transit ridership.

The largest Bay Area transit operator, the San Francisco Municipal Railway (Muni) is projected to increase from 761 thousand boardings/weekday in 2000 to 1,047 thousand boardings/weekday in 2030, a 38 percent increase. Muni's share of Bay Area transit

boardings is predicted to decrease from 44.4 percent of the region's ridership in 2000, to 39.4 percent of the region's ridership by the year 2030.

The second largest Bay Area transit operator, BART, is projected to increase from 324 thousand boardings in 2000 to 551 thousand boardings in 2030, a 70 percent increase. (These BART forecasts include the BART-to-Warm Springs extension, but not the BART-to-San Jose extension. Forecasts with BART-to-San Jose are about 70 thousand boardings higher than the forecasts documented in this data summary).

Other operators projected to have significant increase in average weekday transit ridership include A.C. Transit (+82 percent), Santa Clara Valley Transit Authority (+71 percent), Caltrain commuter rail (+117 percent), and the Central Contra Costa Transit Authority (+55 percent). Only SamTrans and Golden Gate Transit are not expected to show significant increase in transit ridership.

In terms of average weekday daily passenger miles of travel (PMT), the BART system is projected to have the highest number and share of regional PMT, ranging from 48.3 percent of regional transit passenger-miles in 2000 to 49.4 percent of regional passenger-miles by the year 2030. The average boarding length, in miles, for BART trips is projected to fluctuate from 13.1 miles per boarding in 2000 to a high of 14.2 miles per boarding in 2006.

Commuter rail systems such as Caltrain are expected to have the longest boarding distances. Caltrain's average boarding distance is projected to increase from 16.8 miles per boarding in 2000 to 17.9 miles in 2030.

In terms of average weekday daily passenger hours of travel (PHT), Muni is projected to have a decreasing share of the region's transit PHT, declining from 33.2 percent in 2000, to 26.0 percent in 2030. BART's share of the regional transit PHT is projected to increase from 28.8 percent in 2000 to 33.8 percent by the year 2030.

Again, the long-term (2025-2030) transit ridership forecasts are based on MTC's "financially constrained plus sales tax" network forecasts, prepared fall 2004. The 2006 transit networks, on the other hand, represent current year (2004) transit service levels, and reflect the significant service cutbacks experienced by Bay Area transit operators between 2000 and 2004.

#### Data Summary Appendix Tables

Superdistrict and county-level forecasts of households by workers in household level are included in Appendix Tables A.1 through A.7. The regional summary for this data is in Table 1.

Superdistrict and county-level forecasts of households by vehicles in household level are included in Appendix Tables A.8 through A.16. Total household vehicles available, by

superdistrict and county-of-residence are summarized in Table A.15. Average vehicles per household are summarized in Table A.16.

Total home-based work person “trip ends” by the MTC 34 superdistrict, 1990-2030, are included in Table B.1 (residence-end) and B.2 (work-end). Detailed superdistrict-to-superdistrict home-based work person trips, 1990-2030, are included in the electronic Table E.1. This table is not included in the paper copy of this data summary, but is available in EXCEL workbook format.

County-to-county home-based work trips by means of transportation are included in Tables C.1 (1990 year) through C.6 (2030 year).

County-to-county total person trips (work plus non-work) by means of transportation are included in Tables C.7 (1990 year) through C.12 (2030 year). Means of transportation included in this set of “total purpose” tables are vehicle driver, persons-in-passenger-vehicles, transit passenger, bicycle and walk. The mode vehicle driver is a subset of the persons-in-passenger-vehicles mode.

Superdistrict-of-residence and superdistrict-of-work for home-based work trips, by means of transportation, 1990 to 2030, are summarized in Tables C.13 through C.24.

The last two appendix tables (D.1, D.2) provide summary information on highway system supply, expressed in lane-miles, and transit system supply, expressed in AM peak hour passenger seat-miles, for each of the 2000 to 2030 forecast years. Highway lane-miles is the multiplicative product of directional road miles times the number of lanes. The transit supply data, AM peak hour passenger seat-miles, is the product of transit service miles multiplied by the estimated number of seats per bus or train.

Again, the 2025 and 2030 forecasts are based on the revised “financially constrained plus sales tax” forecasts prepared by MTC staff in fall 2004. The 2006 and 2015 forecasts are based on financially constrained networks, or “expected” networks for these two horizon years.

### Contact Information

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**Table A**  
**Regional Summary of Bay Area Demographic & Travel Forecasts, 1990 - 2030**

<b>Characteristic</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
<b><i>General Demographic Characteristics</i></b>						
Total Population	6,020,100	6,783,700	7,260,600	7,840,200	8,457,900	8,780,300
Household Population	5,868,700	6,641,000	7,111,900	7,687,900	8,302,700	8,625,200
Total Households	2,245,900	2,466,000	2,605,500	2,824,000	3,065,400	3,186,600
Average Household Size	2.61	2.69	2.73	2.72	2.71	2.71
Total Employment	3,206,100	3,753,700	3,919,100	4,509,800	4,982,800	5,226,300
Employed Residents	3,149,300	3,377,400	3,541,300	4,066,600	4,562,200	4,754,900
Average Workers per Household	1.40	1.37	1.36	1.44	1.49	1.49
Mean Household Income (1989\$)	\$53,400	\$64,900	\$65,900	\$71,900	\$79,400	\$83,300
<b><i>Vehicle Ownership Characteristics</i></b>						
Total Vehicles	3,974,100	4,325,000	4,722,000	5,146,600	5,555,100	5,746,700
Average Vehicles per Household	1.77	1.75	1.81	1.82	1.81	1.80
Average Vehicles per 1000 Persons	660.1	637.6	650.4	656.4	656.8	654.5
Zero-Vehicle Households	232,100	247,200	243,600	260,500	291,200	311,400
Share of Zero-Vehicle Households	10.3%	10.0%	9.3%	9.2%	9.5%	9.8%
<b><i>Transit Travel Characteristics</i></b>						
Transit Work Trips	470,400	572,200	596,100	750,900	885,400	944,700
Total Work Trips	4,565,400	5,248,300	5,376,000	6,252,000	7,157,600	7,555,500
Transit Share of Total Work Trips	10.3%	10.9%	11.1%	12.0%	12.4%	12.5%
Transit Non-Work Trips	695,200	603,400	633,200	756,000	810,300	849,300
Total Non-Work Trips	13,517,900	15,785,500	17,041,100	18,632,500	20,120,000	20,937,300
Transit Share of Total Non-Work Trips	5.1%	3.8%	3.7%	4.1%	4.0%	4.1%
Total Transit Trips	1,165,600	1,175,600	1,229,300	1,506,900	1,695,700	1,794,000
Total Trips	18,083,300	21,033,800	22,417,100	24,884,500	27,277,600	28,492,800
Transit Share of Total Trips	6.4%	5.6%	5.5%	6.1%	6.2%	6.3%
Total Daily Transit Boardings	1,568,200	1,714,300	1,773,000	2,220,400	2,508,600	2,656,200
<b><i>Vehicle Travel Characteristics</i></b>						
Daily Vehicle Miles of Travel	NA	143,495,300	152,093,900	172,631,100	192,040,900	202,756,400
Daily Vehicle Hours of Delay	NA	355,600	433,100	609,400	850,400	993,200
Daily Vehicle Trips	14,707,400	17,074,300	18,084,000	20,288,600	22,510,800	23,626,200
<b><i>Non-Motorized Travel Characteristics</i></b>						
Daily Bicycle Trips (All Purposes)	224,200	310,600	327,800	356,300	384,500	402,900
Bicycle Share of Total Trips	1.2%	1.5%	1.5%	1.4%	1.4%	1.4%
Daily Walk Trips (All Purposes)	1,698,600	1,950,400	2,088,500	2,321,000	2,516,100	2,638,900
Walk Share of Total Trips	9.4%	9.3%	9.3%	9.3%	9.2%	9.3%
<b><i>Roadway and Transit Supply Characteristics</i></b>						
Roadway Lane-Miles	NA	19,940	20,620	20,900	20,980	20,980
Transit AM Peak Passenger Seat-Miles	NA	3,941,300	3,646,600	4,228,100	4,278,400	4,278,400

**Table B**  
**Change in Bay Area Demographic & Travel Forecasts, 2000 to 2030**

<b>Characteristic</b>	<b>2000</b>	<b>2030</b>	<b>Total Change, 2000-2030</b>	<b>Percent Change, 2000-2030</b>
<b><u>General Demographic Characteristics</u></b>				
Total Population	6,783,700	8,780,300	1,996,600	29%
Household Population	6,641,000	8,625,200	1,984,200	30%
Total Households	2,466,000	3,186,600	720,600	29%
Average Household Size	2.69	2.71	0.014	1%
Total Employment	3,753,700	5,226,300	1,472,600	39%
Employed Residents	3,377,400	4,754,900	1,377,500	41%
Average Workers per Household	1.37	1.49	0.123	9%
Mean Household Income (1989\$)	\$64,900	\$83,300	18,400	28%
<b><u>Vehicle Ownership Characteristics</u></b>				
Total Vehicles	4,325,000	5,746,700	1,421,700	33%
Average Vehicles per Household	1.75	1.80	0.050	3%
Average Vehicles per 1000 Persons	637.6	654.5	16.9	3%
Zero-Vehicle Households	247,200	311,400	64,200	26%
Share of Zero-Vehicle Households	10.0%	9.8%	-0.3%	-3%
<b><u>Transit Travel Characteristics</u></b>				
Transit Work Trips	572,200	944,700	372,500	65%
Total Work Trips	5,248,300	7,555,500	2,307,200	44%
Transit Share of Total Work Trips	10.9%	12.5%	1.6%	15%
Transit Non-Work Trips	603,400	849,300	245,900	41%
Total Non-Work Trips	15,785,500	20,937,300	5,151,800	33%
Transit Share of Total Non-Work Trips	3.8%	4.1%	0.2%	6%
Total Transit Trips	1,175,600	1,794,000	618,400	53%
Total Trips	21,033,800	28,492,800	7,459,000	35%
Transit Share of Total Trips	5.6%	6.3%	0.7%	13%
Total Daily Transit Boardings	1,714,300	2,656,200	941,900	55%
<b><u>Vehicle Travel Characteristics</u></b>				
Daily Vehicle Miles of Travel	143,495,300	202,756,400	59,261,100	41%
Daily Vehicle Hours of Delay	355,600	993,200	637,600	179%
Daily Vehicle Trips	17,074,300	23,626,200	6,551,900	38%
<b><u>Non-Motorized Travel Characteristics</u></b>				
Daily Bicycle Trips (All Purposes)	310,600	402,900	92,300	30%
Bicycle Share of Total Trips	1.5%	1.4%	-0.1%	-4%
Daily Walk Trips (All Purposes)	1,950,400	2,638,900	688,500	35%
Walk Share of Total Trips	9.3%	9.3%	0.0%	0%
<b><u>Roadway and Transit Supply Characteristics</u></b>				
Roadway Lane-Miles	19,940	20,980	1,040	5%
Transit AM Peak Passenger Seat-Miles	3,941,300	4,278,400	337,100	9%

**Table 1**  
**Regional Summary of Bay Area Demographic & Vehicle Ownership Forecasts, 1990 - 2030**

<b>Characteristic</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
<b><i>General Demographic Characteristics</i></b>						
Total Population	6,020,100	6,783,700	7,260,600	7,840,200	8,457,900	8,780,300
Household Population	5,868,700	6,641,000	7,111,900	7,687,900	8,302,700	8,625,200
Total Households	2,245,900	2,466,000	2,605,500	2,824,000	3,065,400	3,186,600
Average Household Size	2.61	2.69	2.73	2.72	2.71	2.71
Total Employment	3,206,100	3,753,700	3,919,100	4,509,800	4,982,800	5,226,300
Employed Residents	3,149,300	3,377,400	3,541,300	4,066,600	4,562,200	4,754,900
Average Workers per Household	1.40	1.37	1.36	1.44	1.49	1.49
Mean Household Income (1989\$)	\$53,400	\$64,900	\$65,900	\$71,900	\$79,400	\$83,300
<b><i>Vehicle Ownership Characteristics</i></b>						
Total Vehicles	3,974,100	4,325,000	4,722,000	5,146,600	5,555,100	5,746,700
Average Vehicles per Household	1.77	1.75	1.81	1.82	1.81	1.80
Average Vehicles per 1000 Persons	660.1	637.6	650.4	656.4	656.8	654.5
Zero-Vehicle Households	232,100	247,200	243,600	260,500	291,200	311,400
Single Vehicle Households	720,200	816,200	791,400	846,200	926,200	967,200
Multi-Vehicle Households	1,293,600	1,402,500	1,570,500	1,717,300	1,848,000	1,908,000
Share of Zero-Vehicle Households	10.3%	10.0%	9.3%	9.2%	9.5%	9.8%
Share of Single Vehicle Households	32.1%	33.1%	30.4%	30.0%	30.2%	30.4%
Share of Multi-Vehicle Households	57.6%	56.9%	60.3%	60.8%	60.3%	59.9%
<b><i>Workers in Household Characteristics</i></b>						
Non-Working Households	469,300	520,700	534,500	544,400	634,900	692,300
Single-Worker Households	826,200	915,300	926,100	1,027,900	1,147,200	1,206,100
Multi-Worker Households	950,400	1,030,000	1,444,900	1,251,700	1,283,300	1,288,100
Share of Non-Working Households	20.9%	21.1%	18.4%	19.3%	20.7%	21.7%
Share of Single-Worker Households	36.8%	37.1%	31.9%	36.4%	37.4%	37.9%
Share of Multi-Worker Households	42.3%	41.8%	49.7%	44.3%	41.9%	40.4%
<b><i>Land Use Characteristics</i></b>						
Residential Acres	448,000	586,900	615,800	639,300	647,900	651,800
Commercial-Industrial Acres	187,200	229,200	229,200	229,400	233,700	235,700
Total Acres	4,575,300	4,575,300	4,575,300	4,575,300	4,575,300	4,575,300
Share, Developed of Total Acres	13.9%	17.8%	18.5%	19.0%	19.3%	19.4%

**Table 2**  
**Regional Demographic Assumptions & Trip Generation Forecasts, 1990 - 2030**

*Regional Demographic Assumptions*

<b>Demographic Characteristic</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Total Population	6,020,100	6,783,700	7,260,600	7,840,200	8,457,900	8,780,300
Household Population	5,868,700	6,641,000	7,111,900	7,687,900	8,302,700	8,625,200
Total Households	2,245,900	2,466,000	2,605,500	2,824,000	3,065,400	3,186,600
Employed Residents	3,149,300	3,377,400	3,541,300	4,066,600	4,562,200	4,754,900
Total Employment	3,206,100	3,753,700	3,919,100	4,509,800	4,982,800	5,226,300
Mean Household Income (1989\$)	\$53,400	\$64,900	\$65,900	\$71,900	\$79,400	\$83,300
Households, Income Quartile 1	619,500	648,500	536,300	510,900	472,700	450,400
Households, Income Quartile 2	594,200	527,400	487,400	522,800	556,000	569,500
Households, Income Quartile 3	604,700	626,000	660,900	741,500	831,000	874,900
Households, Income Quartile 4	427,500	664,100	920,900	1,048,900	1,205,700	1,291,800

*Regional Trip Generation Forecasts*

<b>Trip Purpose</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
	<b>Trips</b>	<b>Trips</b>	<b>Trips</b>	<b>Trips</b>	<b>Trips</b>	<b>Trips</b>
<i>Home-Based Work</i>						
Income Quartile 1	539,149	584,889	471,059	448,174	378,860	335,992
Income Quartile 2	1,127,101	1,014,785	902,949	989,348	1,031,847	1,026,559
Income Quartile 3	1,606,772	1,594,934	1,592,309	1,857,745	2,108,513	2,197,827
Income Quartile 4	1,292,384	2,053,673	2,409,724	2,956,732	3,638,393	3,995,166
Total Home-Based Work	4,565,406	5,248,281	5,376,041	6,251,999	7,157,613	7,555,544
Home-Based Shop/Other	4,655,262	5,201,087	5,809,610	6,294,039	6,842,763	7,124,112
Home-Based Social/Recreation	2,113,140	2,469,189	2,698,832	2,960,617	3,248,956	3,402,699
Non-Home-Based	5,134,090	5,820,660	6,094,349	6,875,698	7,566,233	7,919,121
<i>Home-Based School</i>						
Grade School	848,957	1,223,449	1,328,702	1,377,826	1,337,360	1,350,149
High School	343,734	527,411	566,421	586,323	572,606	576,544
College	422,971	543,738	543,224	538,027	552,040	564,681
Total Home-Based School	1,615,662	2,294,598	2,438,347	2,502,176	2,462,006	2,491,374
<b>Sub-Total, Intra-regional Personal Travel</b>	<b>18,083,560</b>	<b>21,033,815</b>	<b>22,417,179</b>	<b>24,884,529</b>	<b>27,277,571</b>	<b>28,492,850</b>
<i>Commercial</i>						
Very Small Trucks	2,779,942	3,130,387	3,270,590	3,710,735	4,082,780	4,272,971
Small Trucks	178,248	209,385	219,238	251,848	278,218	291,519
Medium Trucks	17,297	20,147	21,124	24,267	26,806	28,104
Combination Trucks	37,675	44,452	46,487	53,447	59,031	61,909
Sub-Total, Exclude Very Small Trucks	233,220	273,984	286,849	329,562	364,055	381,532
Total Commercial	3,013,162	3,404,371	3,557,439	4,040,297	4,446,835	4,654,503
Interregional Vehicle Trips	409,399	548,354	612,384	783,356	991,444	1,144,424

**Table 3**  
**Regional Trip Rates and Trip Purpose Shares, 1990 - 2030**

*Trip Rates*

<b>Trip Rates</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Work Trips per Worker	1.45	1.55	1.52	1.54	1.57	1.59
HBW Trips per Household	2.03	2.13	2.06	2.21	2.33	2.37
HBSH Trips per Household	2.07	2.11	2.23	2.23	2.23	2.24
HBSR Trips per Household	0.94	1.00	1.04	1.05	1.06	1.07
NHB Trips per Household	2.29	2.36	2.34	2.43	2.47	2.49
School Trips per Household	0.72	0.93	0.94	0.89	0.80	0.78
Total Trips per Household	8.05	8.53	8.60	8.81	8.90	8.94

*Trip Purpose Shares*

<b>Trip Purpose</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Home-Based Work	25.2%	25.0%	24.0%	25.1%	26.2%	26.5%
Home-Based Shop/Other	25.7%	24.7%	25.9%	25.3%	25.1%	25.0%
Home-Based Social/Recreation	11.7%	11.7%	12.0%	11.9%	11.9%	11.9%
Non-Home-Based	28.4%	27.7%	27.2%	27.6%	27.7%	27.8%
Home-Based School	8.9%	10.9%	10.9%	10.1%	9.0%	8.7%
Total Personal Travel	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Table 4**  
**Regional Summary of Person Trips, Person Miles of Travel and Average Trip Length**

*Person Trips*

<b>Trip Purpose</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Home-Based Work, Income Quartile #1	539,149	584,889	471,059	448,174	378,860	335,992
Home-Based Work, Income Quartile #2	1,127,101	1,014,785	902,949	989,348	1,031,847	1,026,559
Home-Based Work, Income Quartile #3	1,606,772	1,594,934	1,592,309	1,857,745	2,108,513	2,197,827
Home-Based Work, Income Quartile #4	1,292,384	2,053,673	2,409,724	2,956,732	3,638,393	3,995,166
Home-Based Shop/Other	4,655,262	5,201,087	5,809,610	6,294,039	6,842,763	7,124,112
Home-Based Social/Recreation	2,113,140	2,469,189	2,698,832	2,960,617	3,248,956	3,402,699
Non-Home-Based	5,134,090	5,820,660	6,094,349	6,875,698	7,566,233	7,919,121
Home-Based Grade School	848,957	1,223,449	1,328,702	1,377,826	1,337,360	1,350,149
Home-Based High School	343,734	527,411	566,421	586,323	572,606	576,544
Home-Based College	422,971	543,738	543,224	538,027	552,040	564,681
<b>Total Personal Travel</b>	<b>18,083,560</b>	<b>21,033,815</b>	<b>22,417,179</b>	<b>24,884,529</b>	<b>27,277,571</b>	<b>28,492,850</b>
Home-Based Work, Total	4,565,406	5,248,281	5,376,041	6,251,999	7,157,613	7,555,544

*Person Miles of Travel*

<b>Trip Purpose</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Home-Based Work, Income Quartile #1	4,615,033	5,192,525	4,738,115	4,394,529	3,686,971	3,337,846
Home-Based Work, Income Quartile #2	11,644,652	11,045,110	10,737,587	11,594,443	11,577,619	11,510,389
Home-Based Work, Income Quartile #3	18,996,290	19,056,193	20,187,595	23,454,798	25,612,932	26,498,628
Home-Based Work, Income Quartile #4	15,680,345	25,604,857	30,873,292	37,577,577	44,787,944	48,916,606
Home-Based Shop/Other	24,816,109	21,978,036	25,117,402	27,856,956	29,431,722	30,815,943
Home-Based Social/Recreation	13,389,777	15,118,003	16,499,195	17,884,965	19,379,454	20,277,346
Non-Home-Based	27,870,754	32,070,605	33,249,077	36,973,434	40,072,840	41,861,202
Home-Based Grade School	1,650,628	3,133,808	3,303,946	3,270,820	3,133,194	3,132,884
Home-Based High School	1,236,449	1,833,567	1,911,314	1,948,688	1,899,027	1,896,598
Home-Based College	3,681,080	4,726,427	4,877,234	5,000,111	5,222,978	5,350,641
<b>Total Personal Travel</b>	<b>123,581,117</b>	<b>139,759,131</b>	<b>151,494,757</b>	<b>169,956,321</b>	<b>184,804,681</b>	<b>193,598,083</b>
Home-Based Work, Total	50,936,320	60,898,685	66,536,589	77,021,347	85,665,466	90,263,469

*Average Trip Length (in Miles)*

<b>Trip Purpose</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Home-Based Work, Income Quartile #1	8.56	8.88	10.06	9.81	9.73	9.93
Home-Based Work, Income Quartile #2	10.33	10.88	11.89	11.72	11.22	11.21
Home-Based Work, Income Quartile #3	11.82	11.95	12.68	12.63	12.15	12.06
Home-Based Work, Income Quartile #4	12.13	12.47	12.81	12.71	12.31	12.24
Home-Based Shop/Other	5.33	4.23	4.32	4.43	4.30	4.33
Home-Based Social/Recreation	6.34	6.12	6.11	6.04	5.96	5.96
Non-Home-Based	5.43	5.51	5.46	5.38	5.30	5.29
Home-Based Grade School	1.94	2.56	2.49	2.37	2.34	2.32
Home-Based High School	3.60	3.48	3.37	3.32	3.32	3.29
Home-Based College	8.70	8.69	8.98	9.29	9.46	9.48
<b>Total Personal Travel</b>	<b>6.83</b>	<b>6.64</b>	<b>6.76</b>	<b>6.83</b>	<b>6.77</b>	<b>6.79</b>
Home-Based Work, Total	11.16	11.60	12.38	12.32	11.97	11.95

**Table 5**  
**Trip Purpose Share of Regional Person Trips and Person Miles of Travel**

*Share of Person Trips*

<b>Trip Purpose</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Home-Based Work, Income Quartile #1	3.0%	2.8%	2.1%	1.8%	1.4%	1.2%
Home-Based Work, Income Quartile #2	6.2%	4.8%	4.0%	4.0%	3.8%	3.6%
Home-Based Work, Income Quartile #3	8.9%	7.6%	7.1%	7.5%	7.7%	7.7%
Home-Based Work, Income Quartile #4	7.1%	9.8%	10.7%	11.9%	13.3%	14.0%
Home-Based Shop/Other	25.7%	24.7%	25.9%	25.3%	25.1%	25.0%
Home-Based Social/Recreation	11.7%	11.7%	12.0%	11.9%	11.9%	11.9%
Non-Home-Based	28.4%	27.7%	27.2%	27.6%	27.7%	27.8%
Home-Based Grade School	4.7%	5.8%	5.9%	5.5%	4.9%	4.7%
Home-Based High School	1.9%	2.5%	2.5%	2.4%	2.1%	2.0%
Home-Based College	2.3%	2.6%	2.4%	2.2%	2.0%	2.0%
<b>Total Personal Travel</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
Home-Based Work, Total	25.2%	25.0%	24.0%	25.1%	26.2%	26.5%

*Share of Person Miles of Travel*

<b>Trip Purpose</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Home-Based Work, Income Quartile #1	3.7%	3.7%	3.1%	2.6%	2.0%	1.7%
Home-Based Work, Income Quartile #2	9.4%	7.9%	7.1%	6.8%	6.3%	5.9%
Home-Based Work, Income Quartile #3	15.4%	13.6%	13.3%	13.8%	13.9%	13.7%
Home-Based Work, Income Quartile #4	12.7%	18.3%	20.4%	22.1%	24.2%	25.3%
Home-Based Shop/Other	20.1%	15.7%	16.6%	16.4%	15.9%	15.9%
Home-Based Social/Recreation	10.8%	10.8%	10.9%	10.5%	10.5%	10.5%
Non-Home-Based	22.6%	22.9%	21.9%	21.8%	21.7%	21.6%
Home-Based Grade School	1.3%	2.2%	2.2%	1.9%	1.7%	1.6%
Home-Based High School	1.0%	1.3%	1.3%	1.1%	1.0%	1.0%
Home-Based College	3.0%	3.4%	3.2%	2.9%	2.8%	2.8%
<b>Total Personal Travel</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
Home-Based Work, Total	41.2%	43.6%	43.9%	45.3%	46.4%	46.6%

**Table 6**  
**Average Trip Length for Home-Based Work Trips, 1990 - 2030**  
**by Superdistrict-of-Residence, County-of-Residence, and Region**

Superdistrict/County of Residence	1990	2000	2006	2015	2025	2030
1 Downtown San Francisco	4.93	3.87	3.85	3.63	3.82	4.80
2 Richmond District	6.95	6.64	6.61	6.08	5.76	5.96
3 Mission District	7.72	8.14	7.92	7.19	6.59	6.93
4 Sunset District	8.92	8.59	8.47	7.81	7.34	7.50
5 Daly City/San Bruno	11.26	10.76	10.65	10.08	9.47	9.98
6 San Mateo/Burlingame	12.21	11.55	11.29	11.08	10.94	11.66
7 Redwood City/Menlo Park	10.76	9.82	9.51	9.55	9.54	9.59
8 Palo Alto/Los Altos	7.45	7.45	7.11	7.26	7.34	7.35
9 Sunnyvale/Mountain View	7.34	7.63	7.35	7.44	7.59	7.48
10 Saratoga/Cupertino	9.30	10.00	9.65	9.67	9.74	9.65
11 Central San Jose	8.28	8.42	8.15	8.13	8.13	8.01
12 Milpitas/East San Jose	10.14	10.47	10.36	10.26	10.24	10.14
13 South San Jose/Almaden	11.56	12.22	12.07	11.88	11.71	11.63
14 Gilroy/Morgan Hill	14.92	16.39	16.11	14.36	13.55	13.59
15 Livermore/Pleasanton	12.90	16.00	16.87	16.47	16.08	15.41
16 Fremont/Union City	12.51	12.24	12.69	12.68	12.62	12.81
17 Hayward/San Leandro	10.99	12.05	12.48	12.49	12.63	12.80
18 Oakland/Alameda	9.80	10.20	10.51	10.46	10.70	10.67
19 Berkeley/Albany	8.22	7.60	7.90	8.08	8.42	8.80
20 Richmond/El Cerrito	13.34	13.49	14.00	14.19	14.11	14.59
21 Concord/Martinez	13.32	13.75	14.75	15.16	14.81	14.39
22 Walnut Creek/Lamorinda	13.43	13.19	13.51	13.90	13.87	13.75
23 Danville/San Ramon	14.98	15.02	15.32	15.59	15.58	15.84
24 Antioch/Pittsburg	19.32	21.41	23.47	22.40	20.43	21.42
25 Vallejo/Benicia	16.03	17.64	19.39	19.40	18.77	21.21
26 Fairfield/Vacaville	16.07	18.63	22.62	24.02	24.88	24.94
27 Napa	11.08	12.30	15.26	16.06	16.03	14.89
28 St. Helena/Calistoga	11.83	10.21	13.59	16.52	17.70	17.74
29 Petaluma/Sonoma	15.81	15.40	17.79	17.08	14.20	12.60
30 Santa Rosa/Sebastopol	9.25	13.89	14.05	12.44	9.68	9.93
31 Healdsburg/Cloverdale	18.13	17.13	23.90	27.07	24.42	28.14
32 Novato	16.32	13.94	15.61	14.19	12.15	10.13
33 San Rafael	14.34	12.64	13.22	12.93	11.83	10.91
34 Mill Valley/Sausalito	13.83	12.45	12.49	12.34	11.54	10.65
<b>Bay Area</b>	<b>11.16</b>	<b>11.60</b>	<b>12.38</b>	<b>12.32</b>	<b>11.97</b>	<b>12.05</b>
San Francisco	7.29	7.11	7.01	6.41	6.02	6.39
San Mateo	11.41	10.71	10.49	10.21	9.93	10.35
Santa Clara	9.36	9.85	9.64	9.50	9.44	9.35
Alameda	10.89	11.55	12.09	12.10	12.17	12.19
Contra Costa	14.69	15.48	16.55	16.62	16.03	16.31
Solano	16.05	18.25	21.43	22.41	22.78	23.65
Napa	11.31	11.64	14.78	16.19	16.48	15.67
Sonoma	13.09	14.98	17.09	16.58	13.74	13.90
Marin	14.64	12.85	13.51	13.02	11.80	10.63

**Table 7**  
**Average Trip Length for Home-Based Work Trips, 1990 - 2030**  
**by Superdistrict-of-Work, County-of-Work, and Region**

Superdistrict/County of Work	1990	2000	2006	2015	2025	2030
1 Downtown San Francisco	13.25	15.12	16.04	15.77	15.42	15.99
2 Richmond District	10.58	7.25	8.36	8.39	7.97	7.40
3 Mission District	11.44	9.63	10.53	10.47	9.95	9.74
4 Sunset District	9.73	6.85	7.18	7.08	6.81	6.21
5 Daly City/San Bruno	13.76	13.60	15.26	16.04	16.81	21.17
6 San Mateo/Burlingame	11.60	11.60	13.83	13.99	13.94	15.11
7 Redwood City/Menlo Park	12.08	13.06	15.24	15.04	14.48	14.30
8 Palo Alto/Los Altos	10.84	12.20	13.86	13.87	13.58	13.71
9 Sunnyvale/Mountain View	11.09	12.38	13.48	13.51	13.20	13.18
10 Saratoga/Cupertino	8.58	10.18	10.90	10.87	10.89	11.01
11 Central San Jose	8.29	9.33	10.14	10.19	10.04	9.98
12 Milpitas/East San Jose	9.12	10.43	11.03	10.92	10.67	10.24
13 South San Jose/Almaden	7.73	10.91	11.43	11.51	11.38	11.31
14 Gilroy/Morgan Hill	12.73	11.71	13.05	14.74	15.30	15.27
15 Livermore/Pleasanton	12.06	13.93	14.01	13.72	12.65	12.07
16 Fremont/Union City	9.91	12.34	13.75	13.86	13.25	12.65
17 Hayward/San Leandro	10.31	11.75	12.07	12.10	11.33	11.11
18 Oakland/Alameda	11.77	11.36	12.11	12.16	11.18	10.92
19 Berkeley/Albany	10.09	9.29	9.73	9.59	8.95	9.21
20 Richmond/El Cerrito	12.04	12.10	12.69	12.48	11.83	12.17
21 Concord/Martinez	11.03	11.30	11.47	11.11	10.60	10.60
22 Walnut Creek/Lamorinda	11.51	11.13	11.57	11.33	10.83	10.48
23 Danville/San Ramon	13.32	13.68	13.89	13.43	12.51	11.96
24 Antioch/Pittsburg	7.77	7.23	7.00	6.78	6.70	6.80
25 Vallejo/Benicia	12.22	11.41	11.47	11.31	10.62	11.15
26 Fairfield/Vacaville	8.15	7.29	6.36	5.74	5.26	5.15
27 Napa	8.04	8.29	8.57	8.65	8.41	8.24
28 St. Helena/Calistoga	13.56	11.12	11.51	11.87	12.46	12.04
29 Petaluma/Sonoma	11.40	9.58	8.65	8.49	8.61	7.49
30 Santa Rosa/Sebastopol	10.49	8.91	7.51	7.08	7.66	7.79
31 Healdsburg/Cloverdale	11.45	9.33	8.41	8.33	8.74	8.55
32 Novato	14.98	13.46	13.63	13.56	13.46	11.54
33 San Rafael	13.75	12.87	13.80	13.67	13.19	11.35
34 Mill Valley/Sausalito	12.91	13.11	14.91	14.46	13.53	11.43
<b>Bay Area</b>	<b>11.16</b>	<b>11.60</b>	<b>12.38</b>	<b>12.32</b>	<b>11.97</b>	<b>12.05</b>
San Francisco	12.30	12.68	13.70	13.51	13.06	13.27
San Mateo	12.65	12.88	14.85	15.16	15.32	17.44
Santa Clara	9.96	11.25	12.27	12.34	12.14	12.09
Alameda	10.91	11.70	12.38	12.43	11.65	11.35
Contra Costa	11.34	11.26	11.55	11.13	10.51	10.41
Solano	9.98	8.88	8.35	7.87	7.31	7.46
Napa	9.92	9.29	9.54	9.62	9.58	9.31
Sonoma	10.82	9.15	7.94	7.63	8.07	7.77
Marin	13.73	13.09	14.14	13.90	13.38	11.43

**Table 8**  
**Home-Based Work (HBW) Person Trips, County-to-County, 1990 - 2030**

Residence County	Work County	1990	2000	2006	2015	2025	2030
San Francisco County	San Francisco County	441,286	510,618	483,172	553,253	622,807	665,970
San Francisco County	San Mateo County	55,092	72,077	74,075	73,637	73,295	74,447
San Francisco County	Santa Clara County	13,799	25,532	22,980	19,998	18,628	19,567
San Francisco County	Alameda County	28,642	33,215	30,806	33,221	35,362	39,414
San Francisco County	Contra Costa County	8,207	7,864	6,567	6,665	7,707	9,145
San Francisco County	Solano County	831	547	343	310	330	380
San Francisco County	Napa County	203	364	233	218	219	239
San Francisco County	Sonoma County	1,549	905	373	311	476	560
San Francisco County	Marin County	8,454	9,562	7,351	7,906	11,072	13,215
San Mateo County	San Francisco County	122,365	124,638	112,545	126,438	138,943	144,116
San Mateo County	San Mateo County	298,455	329,215	300,895	352,832	404,748	423,950
San Mateo County	Santa Clara County	78,527	107,786	100,382	108,641	116,386	119,065
San Mateo County	Alameda County	20,189	27,707	22,917	24,113	24,991	26,582
San Mateo County	Contra Costa County	4,611	3,136	2,416	2,429	2,623	2,847
San Mateo County	Solano County	375	402	239	202	199	215
San Mateo County	Napa County	85	101	54	46	43	43
San Mateo County	Sonoma County	383	768	283	232	346	403
San Mateo County	Marin County	2,409	1,328	949	981	1,289	1,455
Santa Clara County	San Francisco County	10,701	13,877	10,788	12,028	14,190	16,915
Santa Clara County	San Mateo County	45,155	62,646	64,778	81,183	96,635	103,801
Santa Clara County	Santa Clara County	1,092,904	1,183,752	1,178,332	1,417,956	1,627,868	1,731,553
Santa Clara County	Alameda County	37,955	58,421	56,615	67,755	80,214	87,772
Santa Clara County	Contra Costa County	4,674	4,370	3,587	3,971	4,509	4,777
Santa Clara County	Solano County	345	712	353	296	295	321
Santa Clara County	Napa County	87	134	73	64	62	63
Santa Clara County	Sonoma County	189	476	172	166	329	407
Santa Clara County	Marin County	450	967	675	678	867	951
Alameda County	San Francisco County	90,244	134,766	148,604	177,652	224,055	237,090
Alameda County	San Mateo County	46,862	50,600	68,219	79,582	99,984	105,976
Alameda County	Santa Clara County	75,288	122,388	150,593	174,429	206,970	216,281
Alameda County	Alameda County	646,193	695,062	707,830	807,199	965,587	1,035,915
Alameda County	Contra Costa County	52,557	57,742	55,731	59,678	73,225	78,482
Alameda County	Solano County	3,706	2,375	1,615	1,561	1,939	2,206
Alameda County	Napa County	898	411	299	297	351	369
Alameda County	Sonoma County	1,955	1,458	721	734	1,630	1,904
Alameda County	Marin County	5,175	5,453	4,366	4,578	6,890	7,659
Contra Costa County	San Francisco County	76,782	92,977	112,797	142,399	161,508	162,808
Contra Costa County	San Mateo County	12,889	14,361	19,986	24,490	27,503	27,446
Contra Costa County	Santa Clara County	8,388	18,869	26,106	34,027	39,883	43,491
Contra Costa County	Alameda County	131,650	167,045	182,847	211,882	220,628	223,868
Contra Costa County	Contra Costa County	346,456	383,744	401,146	473,708	559,028	597,285
Contra Costa County	Solano County	12,011	9,893	7,659	7,693	8,489	9,167
Contra Costa County	Napa County	2,570	2,151	1,823	1,970	2,035	2,026
Contra Costa County	Sonoma County	3,484	1,233	649	646	1,092	1,216
Contra Costa County	Marin County	6,439	10,473	9,108	10,283	14,073	15,119
Solano County	San Francisco County	13,567	16,445	23,422	29,001	31,972	30,843
Solano County	San Mateo County	4,088	4,062	7,956	12,023	18,095	20,861
Solano County	Santa Clara County	1,032	3,493	7,859	12,262	16,878	18,450
Solano County	Alameda County	15,847	22,559	33,192	40,275	41,061	39,754
Solano County	Contra Costa County	31,045	39,382	49,753	54,973	57,316	56,138
Solano County	Solano County	142,082	147,206	157,777	188,893	225,343	241,998
Solano County	Napa County	8,250	18,116	21,243	26,627	30,898	31,588
Solano County	Sonoma County	3,388	4,115	3,060	3,569	6,860	7,891
Solano County	Marin County	3,185	7,980	8,395	9,744	12,574	12,658
Napa County	San Francisco County	1,651	2,631	3,937	5,046	5,196	5,023
Napa County	San Mateo County	260	892	1,618	2,179	2,652	2,970
Napa County	Santa Clara County	187	865	1,837	2,771	3,310	3,553
Napa County	Alameda County	1,814	2,392	3,680	4,427	4,210	4,006

**Table 8**  
**Home-Based Work (HBW) Person Trips, County-to-County, 1990 - 2030**

<b>Residence County</b>	<b>Work County</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Napa County	Contra Costa County	2,726	3,978	5,050	5,595	5,626	5,618
Napa County	Solano County	7,679	6,607	7,146	8,390	9,561	10,401
Napa County	Napa County	55,351	65,492	64,872	70,631	74,951	76,559
Napa County	Sonoma County	4,690	4,488	3,395	3,540	4,768	5,182
Napa County	Marin County	1,253	1,531	1,518	1,685	1,972	2,004
Sonoma County	San Francisco County	11,873	26,786	26,959	19,989	11,351	9,326
Sonoma County	San Mateo County	1,535	5,326	6,630	7,922	7,008	7,067
Sonoma County	Santa Clara County	663	2,435	7,432	11,558	10,362	10,136
Sonoma County	Alameda County	3,189	3,552	6,668	7,529	5,147	4,579
Sonoma County	Contra Costa County	1,989	2,537	4,470	4,934	3,785	3,531
Sonoma County	Solano County	1,296	2,273	2,994	3,134	2,469	2,418
Sonoma County	Napa County	2,183	4,565	6,031	6,320	5,061	4,770
Sonoma County	Sonoma County	234,454	274,748	296,798	342,272	391,444	408,147
Sonoma County	Marin County	21,443	24,852	34,377	38,654	33,491	30,590
Marin County	San Francisco County	51,785	48,315	51,575	57,609	53,676	52,026
Marin County	San Mateo County	5,329	6,447	6,743	6,453	5,476	5,060
Marin County	Santa Clara County	1,255	2,234	2,954	2,908	2,153	1,889
Marin County	Alameda County	9,287	8,328	9,760	11,022	10,273	10,531
Marin County	Contra Costa County	4,844	5,605	6,069	6,697	6,680	7,125
Marin County	Solano County	1,567	1,273	1,095	1,073	980	1,034
Marin County	Napa County	707	628	517	487	397	383
Marin County	Sonoma County	8,369	7,702	4,765	4,547	5,863	6,370
Marin County	Marin County	104,078	116,321	112,442	128,926	149,452	158,585
<b>Bay Area</b>	<b>Bay Area</b>	<b>4,565,410</b>	<b>5,248,281</b>	<b>5,376,041</b>	<b>6,251,999</b>	<b>7,157,613</b>	<b>7,555,544</b>
San Francisco County	Bay Area	558,063	660,683	625,900	695,518	769,896	822,935
San Mateo County	Bay Area	527,399	595,081	540,681	615,914	689,568	718,677
Santa Clara County	Bay Area	1,192,460	1,325,355	1,315,373	1,584,098	1,824,969	1,946,560
Alameda County	Bay Area	922,878	1,070,256	1,137,978	1,305,708	1,580,630	1,685,883
Contra Costa County	Bay Area	600,669	700,745	762,121	907,097	1,034,238	1,082,426
Solano County	Bay Area	222,484	263,357	312,657	377,368	440,997	460,181
Napa County	Bay Area	75,611	88,877	93,053	104,263	112,246	115,315
Sonoma County	Bay Area	278,625	347,075	392,358	442,312	470,118	480,564
Marin County	Bay Area	187,221	196,852	195,920	219,721	234,951	243,003
Bay Area	San Francisco County	820,254	971,054	973,801	1,123,414	1,263,697	1,324,117
Bay Area	San Mateo County	469,665	545,626	550,900	640,300	735,396	771,580
Bay Area	Santa Clara County	1,272,043	1,467,353	1,498,474	1,784,548	2,042,438	2,163,985
Bay Area	Alameda County	894,766	1,018,281	1,054,315	1,207,423	1,387,472	1,472,421
Bay Area	Contra Costa County	457,109	508,358	534,789	618,650	720,499	764,948
Bay Area	Solano County	169,892	171,288	179,220	211,552	249,604	268,139
Bay Area	Napa County	70,334	91,961	95,143	106,660	114,017	116,039
Bay Area	Sonoma County	258,461	295,892	310,218	356,018	412,809	432,080
Bay Area	Marin County	152,886	178,467	179,181	203,434	231,681	242,236
<b>Bay Area</b>	<b>Bay Area</b>	<b>4,565,410</b>	<b>5,248,281</b>	<b>5,376,041</b>	<b>6,251,999</b>	<b>7,157,613</b>	<b>7,555,544</b>

**Table 9**  
**Home-Based Shop/Other (HBSH) Person Trips, County-to-County, 1990 - 2030**

<b>Residence County</b>	<b>Shop/Other County</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
San Francisco County	San Francisco County	425,435	479,025	526,629	546,633	591,883	625,061
San Francisco County	San Mateo County	45,234	42,091	36,783	37,257	37,338	38,251
San Francisco County	Santa Clara County	1,676	103	64	35	31	29
San Francisco County	Alameda County	7,104	1,448	3,840	1,888	1,980	2,059
San Francisco County	Contra Costa County	1,225	318	1,011	407	440	486
San Francisco County	Solano County	137	10	54	14	17	22
San Francisco County	Napa County	15	2	11	2	2	2
San Francisco County	Sonoma County	320	9	67	10	27	65
San Francisco County	Marin County	6,309	1,736	2,564	1,107	910	1,022
San Mateo County	San Francisco County	70,944	73,984	95,445	99,228	101,645	99,903
San Mateo County	San Mateo County	445,558	479,048	543,290	581,772	618,627	630,211
San Mateo County	Santa Clara County	41,851	33,910	40,831	37,475	38,161	36,217
San Mateo County	Alameda County	5,767	1,081	3,218	1,624	1,506	1,344
San Mateo County	Contra Costa County	640	246	1,016	421	397	389
San Mateo County	Solano County	67	12	88	23	24	28
San Mateo County	Napa County	6	5	42	6	6	8
San Mateo County	Sonoma County	85	10	111	18	46	104
San Mateo County	Marin County	1,353	307	619	264	210	222
Santa Clara County	San Francisco County	8,968	5,349	8,968	16,135	15,963	16,027
Santa Clara County	San Mateo County	34,509	41,528	42,252	62,043	71,703	79,363
Santa Clara County	Santa Clara County	1,239,243	1,400,020	1,547,350	1,671,239	1,840,353	1,919,600
Santa Clara County	Alameda County	22,316	16,231	32,832	30,128	32,799	33,985
Santa Clara County	Contra Costa County	1,463	1,840	7,284	5,582	5,466	5,906
Santa Clara County	Solano County	73	67	549	230	248	306
Santa Clara County	Napa County	1	47	443	92	107	160
Santa Clara County	Sonoma County	0	88	1,192	303	869	2,125
Santa Clara County	Marin County	284	179	442	284	229	249
Alameda County	San Francisco County	30,406	17,643	9,088	16,880	15,401	15,441
Alameda County	San Mateo County	15,235	11,371	5,498	12,413	14,978	17,864
Alameda County	Santa Clara County	19,127	12,029	8,315	10,698	10,853	11,237
Alameda County	Alameda County	821,169	952,815	1,055,481	1,126,184	1,242,176	1,310,131
Alameda County	Contra Costa County	18,226	30,744	42,958	42,537	45,381	49,862
Alameda County	Solano County	787	218	650	396	471	625
Alameda County	Napa County	76	30	111	38	38	55
Alameda County	Sonoma County	427	43	155	51	142	364
Alameda County	Marin County	994	352	262	204	175	207
Contra Costa County	San Francisco County	27,276	7,114	2,475	5,764	4,561	3,952
Contra Costa County	San Mateo County	3,887	807	226	672	707	716
Contra Costa County	Santa Clara County	2,069	249	75	135	124	111
Contra Costa County	Alameda County	62,933	36,669	33,027	36,496	36,062	35,053
Contra Costa County	Contra Costa County	493,452	658,301	740,548	824,233	905,945	943,034
Contra Costa County	Solano County	11,616	7,273	10,205	8,965	9,008	10,356
Contra Costa County	Napa County	730	391	878	417	334	395
Contra Costa County	Sonoma County	1,040	151	435	203	445	944
Contra Costa County	Marin County	2,326	1,025	507	451	355	378
Solano County	San Francisco County	3,590	934	192	722	576	432
Solano County	San Mateo County	506	133	21	154	190	170
Solano County	Santa Clara County	104	26	4	33	40	32
Solano County	Alameda County	4,340	765	368	662	458	321
Solano County	Contra Costa County	8,084	8,857	6,412	7,969	7,100	5,804
Solano County	Solano County	219,289	265,390	313,096	364,304	404,630	423,712
Solano County	Napa County	622	1,164	1,699	1,177	1,046	1,108
Solano County	Sonoma County	988	82	115	100	248	468
Solano County	Marin County	1,259	312	102	147	104	88
Napa County	San Francisco County	1,306	280	54	328	244	159
Napa County	San Mateo County	133	62	10	86	101	81
Napa County	Santa Clara County	1	26	4	23	24	17
Napa County	Alameda County	1,011	193	84	289	267	177

**Table 9**  
**Home-Based Shop/Other (HBSH) Person Trips, County-to-County, 1990 - 2030**

<b>Residence County</b>	<b>Shop/Other County</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Napa County	Contra Costa County	1,127	745	450	1,250	1,441	1,146
Napa County	Solano County	1,554	1,627	1,698	3,170	4,101	4,105
Napa County	Napa County	76,048	88,314	101,093	107,463	110,546	111,314
Napa County	Sonoma County	3,572	1,170	1,309	1,601	3,387	5,201
Napa County	Marin County	543	147	42	115	95	72
Sonoma County	San Francisco County	1,299	1,175	255	1,310	718	416
Sonoma County	San Mateo County	92	389	71	452	365	265
Sonoma County	Santa Clara County	0	199	34	128	87	55
Sonoma County	Alameda County	487	270	131	328	179	104
Sonoma County	Contra Costa County	268	326	218	497	331	214
Sonoma County	Solano County	336	175	206	341	283	218
Sonoma County	Napa County	2,126	3,581	3,741	3,553	2,615	2,127
Sonoma County	Sonoma County	283,742	329,423	376,084	408,836	434,902	446,790
Sonoma County	Marin County	1,772	868	248	516	220	128
Marin County	San Francisco County	14,608	6,278	4,068	9,240	9,349	7,627
Marin County	San Mateo County	1,132	352	156	430	501	449
Marin County	Santa Clara County	135	34	12	22	23	18
Marin County	Alameda County	1,003	171	260	332	344	281
Marin County	Contra Costa County	551	256	512	587	696	636
Marin County	Solano County	336	62	190	162	200	215
Marin County	Napa County	91	25	82	37	40	46
Marin County	Sonoma County	3,803	1,080	3,242	1,690	4,258	7,642
Marin County	Marin County	147,045	170,277	185,459	195,028	204,911	208,604
<b>Bay Area</b>	<b>Bay Area</b>	<b>4,655,262</b>	<b>5,201,087</b>	<b>5,809,610</b>	<b>6,294,039</b>	<b>6,842,763</b>	<b>7,124,112</b>
San Francisco County	Bay Area	487,455	524,742	571,023	587,354	632,628	666,997
San Mateo County	Bay Area	566,271	588,603	684,659	720,830	760,621	768,426
Santa Clara County	Bay Area	1,306,857	1,465,349	1,641,312	1,786,036	1,967,737	2,057,721
Alameda County	Bay Area	906,447	1,025,245	1,122,518	1,209,401	1,329,615	1,405,785
Contra Costa County	Bay Area	605,329	711,980	788,375	877,336	957,540	994,940
Solano County	Bay Area	238,782	277,663	322,009	375,269	414,391	432,136
Napa County	Bay Area	85,295	92,564	104,745	114,326	120,207	122,272
Sonoma County	Bay Area	290,122	336,406	380,988	415,960	439,702	450,317
Marin County	Bay Area	168,704	178,535	193,981	207,527	220,322	225,518
Bay Area	San Francisco County	583,832	591,782	647,173	696,240	740,340	769,017
Bay Area	San Mateo County	546,286	575,781	628,307	695,279	744,511	767,370
Bay Area	Santa Clara County	1,304,206	1,446,596	1,596,690	1,719,788	1,889,695	1,967,318
Bay Area	Alameda County	926,130	1,009,643	1,129,242	1,197,931	1,315,771	1,383,455
Bay Area	Contra Costa County	525,036	701,633	800,409	883,483	967,196	1,007,477
Bay Area	Solano County	234,195	274,834	326,737	377,607	418,982	439,586
Bay Area	Napa County	79,715	93,559	108,098	112,784	114,734	115,215
Bay Area	Sonoma County	293,977	332,056	382,710	412,812	444,324	463,705
Bay Area	Marin County	161,885	175,203	190,245	198,116	207,209	210,970
<b>Bay Area</b>	<b>Bay Area</b>	<b>4,655,262</b>	<b>5,201,087</b>	<b>5,809,610</b>	<b>6,294,039</b>	<b>6,842,763</b>	<b>7,124,112</b>

**Table 10**  
**Home-Based Social/Recreation (HBSR) Person Trips, County-to-County, 1990 - 2030**

<b>Residence County</b>	<b>Social/Rec. County</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
San Francisco County	San Francisco County	165,322	187,069	198,948	213,698	235,939	251,253
San Francisco County	San Mateo County	26,327	36,940	35,531	35,681	36,732	37,809
San Francisco County	Santa Clara County	2,405	1,823	1,539	1,215	981	915
San Francisco County	Alameda County	7,002	9,257	11,651	11,514	13,582	14,487
San Francisco County	Contra Costa County	1,617	3,579	4,896	4,446	5,319	5,739
San Francisco County	Solano County	238	313	470	360	488	556
San Francisco County	Napa County	73	56	91	68	87	94
San Francisco County	Sonoma County	250	242	366	231	407	480
San Francisco County	Marin County	5,517	4,807	6,024	5,292	5,829	5,927
San Mateo County	San Francisco County	42,192	43,023	49,541	54,094	58,418	59,664
San Mateo County	San Mateo County	202,276	244,682	266,015	288,933	312,528	320,410
San Mateo County	Santa Clara County	28,709	29,487	31,117	31,065	31,815	32,044
San Mateo County	Alameda County	5,981	6,814	8,818	8,694	9,767	9,785
San Mateo County	Contra Costa County	936	1,522	2,244	2,058	2,344	2,366
San Mateo County	Solano County	137	124	200	154	199	213
San Mateo County	Napa County	34	18	32	25	30	30
San Mateo County	Sonoma County	75	29	46	28	46	52
San Mateo County	Marin County	1,400	1,130	1,553	1,382	1,534	1,519
Santa Clara County	San Francisco County	7,314	4,073	4,875	6,027	7,135	7,546
Santa Clara County	San Mateo County	20,268	29,584	32,758	39,305	46,478	49,624
Santa Clara County	Santa Clara County	581,808	677,106	739,977	815,651	906,652	954,317
Santa Clara County	Alameda County	12,757	17,621	23,308	26,303	32,370	34,157
Santa Clara County	Contra Costa County	1,499	2,418	3,666	3,931	4,943	5,147
Santa Clara County	Solano County	125	70	112	98	135	147
Santa Clara County	Napa County	8	2	4	3	4	3
Santa Clara County	Sonoma County	1	0	0	0	0	0
Santa Clara County	Marin County	435	118	155	140	152	148
Alameda County	San Francisco County	14,551	11,409	10,049	10,917	10,162	10,338
Alameda County	San Mateo County	7,607	10,170	9,576	11,441	11,994	12,868
Alameda County	Santa Clara County	14,999	19,419	18,424	19,660	19,117	19,890
Alameda County	Alameda County	311,374	353,693	383,394	415,566	458,009	487,600
Alameda County	Contra Costa County	13,141	24,493	29,344	30,180	33,703	36,000
Alameda County	Solano County	900	1,331	1,791	1,528	1,962	2,242
Alameda County	Napa County	236	200	290	241	292	316
Alameda County	Sonoma County	275	181	217	141	218	253
Alameda County	Marin County	847	1,014	1,075	974	1,007	1,031
Contra Costa County	San Francisco County	9,506	5,362	4,120	4,572	3,814	3,615
Contra Costa County	San Mateo County	1,990	1,316	999	1,176	1,080	1,081
Contra Costa County	Santa Clara County	2,122	1,206	922	991	899	916
Contra Costa County	Alameda County	26,342	25,604	24,973	27,860	28,326	28,609
Contra Costa County	Contra Costa County	229,477	289,394	320,280	360,422	399,741	418,959
Contra Costa County	Solano County	4,918	6,036	6,996	6,352	7,483	8,236
Contra Costa County	Napa County	882	835	1,076	969	1,083	1,116
Contra Costa County	Sonoma County	493	263	295	216	322	360
Contra Costa County	Marin County	1,234	1,166	1,117	1,099	1,093	1,071
Solano County	San Francisco County	1,836	641	427	447	256	213
Solano County	San Mateo County	304	109	63	65	29	17
Solano County	Santa Clara County	122	14	7	5	2	1
Solano County	Alameda County	2,343	1,696	1,424	1,669	1,236	1,075
Solano County	Contra Costa County	4,647	6,586	6,436	7,645	6,518	6,039
Solano County	Solano County	93,165	112,263	129,979	152,837	171,756	181,050
Solano County	Napa County	681	556	700	789	815	814
Solano County	Sonoma County	476	313	340	297	337	341
Solano County	Marin County	851	714	637	685	531	468
Napa County	San Francisco County	282	90	53	48	30	27
Napa County	San Mateo County	40	10	6	3	1	0
Napa County	Santa Clara County	2	0	0	0	0	0
Napa County	Alameda County	348	295	264	359	296	271

**Table 10**  
**Home-Based Social/Recreation (HBSR) Person Trips, County-to-County, 1990 - 2030**

<b>Residence County</b>	<b>Social/Rec. County</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Napa County	Contra Costa County	397	1,061	1,109	1,533	1,482	1,475
Napa County	Solano County	388	793	966	1,208	1,433	1,571
Napa County	Napa County	34,425	36,028	40,764	45,060	47,895	48,970
Napa County	Sonoma County	984	3,224	3,637	3,949	4,870	5,232
Napa County	Marin County	209	232	214	269	226	204
Sonoma County	San Francisco County	1,614	456	276	305	117	82
Sonoma County	San Mateo County	148	24	10	7	1	0
Sonoma County	Santa Clara County	1	0	0	0	0	0
Sonoma County	Alameda County	850	243	189	216	107	80
Sonoma County	Contra Costa County	502	358	320	381	239	203
Sonoma County	Solano County	377	364	412	499	454	459
Sonoma County	Napa County	1,869	3,687	3,986	4,104	3,466	3,280
Sonoma County	Sonoma County	123,970	149,302	168,996	186,136	199,373	205,499
Sonoma County	Marin County	2,699	2,276	2,001	2,459	1,465	1,201
Marin County	San Francisco County	7,734	6,636	5,546	6,524	5,924	5,867
Marin County	San Mateo County	829	994	744	834	713	687
Marin County	Santa Clara County	214	49	27	15	5	3
Marin County	Alameda County	690	646	657	766	783	792
Marin County	Contra Costa County	475	730	822	915	989	1,042
Marin County	Solano County	293	340	419	403	494	549
Marin County	Napa County	135	121	149	130	145	151
Marin County	Sonoma County	1,063	1,494	1,790	1,459	2,417	2,891
Marin County	Marin County	72,577	81,845	86,585	93,898	100,332	103,215
<b>Bay Area</b>	<b>Bay Area</b>	<b>2,113,140</b>	<b>2,469,189</b>	<b>2,698,832</b>	<b>2,960,617</b>	<b>3,248,956</b>	<b>3,402,699</b>
San Francisco County	Bay Area	208,751	244,086	259,516	272,505	299,364	317,260
San Mateo County	Bay Area	281,740	326,829	359,566	386,433	416,682	426,082
Santa Clara County	Bay Area	624,215	730,992	804,854	891,457	997,868	1,051,089
Alameda County	Bay Area	363,930	421,910	454,159	490,647	536,464	570,538
Contra Costa County	Bay Area	276,964	331,182	360,780	403,657	443,840	463,962
Solano County	Bay Area	104,425	122,892	140,014	164,440	181,481	190,018
Napa County	Bay Area	37,075	41,733	47,013	52,429	56,233	57,749
Sonoma County	Bay Area	132,030	156,710	176,190	194,105	205,222	210,804
Marin County	Bay Area	84,010	92,855	96,740	104,944	111,802	115,197
Bay Area	San Francisco County	250,351	258,759	273,835	296,632	321,794	338,605
Bay Area	San Mateo County	259,789	323,829	345,702	377,445	409,556	422,497
Bay Area	Santa Clara County	630,382	729,104	792,013	868,601	959,472	1,008,086
Bay Area	Alameda County	367,687	415,869	454,678	492,947	544,477	576,855
Bay Area	Contra Costa County	252,691	330,141	369,119	411,511	455,279	476,969
Bay Area	Solano County	100,541	121,634	141,344	163,438	184,404	195,022
Bay Area	Napa County	38,343	41,503	47,092	51,389	53,817	54,773
Bay Area	Sonoma County	127,587	155,048	175,687	192,456	207,989	215,107
Bay Area	Marin County	85,769	93,302	99,362	106,198	112,169	114,785
<b>Bay Area</b>	<b>Bay Area</b>	<b>2,113,140</b>	<b>2,469,189</b>	<b>2,698,832</b>	<b>2,960,617</b>	<b>3,248,956</b>	<b>3,402,699</b>

**Table 11**  
**Non-Home-Based (NHB) Person Trips, County-to-County, 1990 - 2030**

Origin County	Destination County	1990	2000	2006	2015	2025	2030
San Francisco County	San Francisco County	647,443	777,223	795,708	903,382	981,256	1,025,444
San Francisco County	San Mateo County	85,865	84,070	81,581	85,285	87,788	88,843
San Francisco County	Santa Clara County	9,663	7,315	7,068	7,192	7,223	7,184
San Francisco County	Alameda County	35,072	30,303	31,391	34,977	37,951	39,719
San Francisco County	Contra Costa County	11,606	9,496	9,690	10,548	11,103	11,402
San Francisco County	Solano County	1,790	1,126	1,150	1,244	1,257	1,263
San Francisco County	Napa County	471	447	478	533	530	527
San Francisco County	Sonoma County	1,834	1,294	1,297	1,364	1,332	1,316
San Francisco County	Marin County	15,727	9,289	9,235	9,774	9,968	10,022
San Mateo County	San Francisco County	77,467	88,122	88,308	98,000	106,558	111,187
San Mateo County	San Mateo County	473,306	527,877	543,765	621,558	683,850	708,786
San Mateo County	Santa Clara County	61,170	60,644	60,967	65,225	68,989	70,375
San Mateo County	Alameda County	15,936	15,334	15,374	16,231	16,959	17,266
San Mateo County	Contra Costa County	3,218	3,188	3,151	3,309	3,341	3,335
San Mateo County	Solano County	600	528	524	546	527	515
San Mateo County	Napa County	181	293	296	309	289	279
San Mateo County	Sonoma County	566	886	885	920	879	859
San Mateo County	Marin County	2,490	2,179	2,127	2,216	2,216	2,202
Santa Clara County	San Francisco County	8,139	7,438	7,229	8,014	8,171	8,319
Santa Clara County	San Mateo County	56,304	64,588	65,931	74,508	80,800	83,434
Santa Clara County	Santa Clara County	1,274,939	1,489,864	1,538,311	1,740,265	1,915,068	2,004,652
Santa Clara County	Alameda County	26,459	32,997	34,883	38,815	41,262	42,539
Santa Clara County	Contra Costa County	3,309	3,970	3,897	4,258	4,257	4,242
Santa Clara County	Solano County	445	636	638	709	683	671
Santa Clara County	Napa County	146	511	507	553	522	508
Santa Clara County	Sonoma County	560	1,819	1,839	2,056	2,021	2,012
Santa Clara County	Marin County	800	920	888	970	961	958
Alameda County	San Francisco County	25,381	23,297	22,925	23,324	22,328	22,098
Alameda County	San Mateo County	14,593	15,102	16,512	19,408	22,204	23,532
Alameda County	Santa Clara County	26,644	34,335	38,578	44,275	50,400	53,474
Alameda County	Alameda County	872,934	973,926	1,032,139	1,156,127	1,289,021	1,366,379
Alameda County	Contra Costa County	40,486	47,958	50,369	55,212	58,766	60,711
Alameda County	Solano County	3,530	3,318	3,505	3,833	3,911	3,964
Alameda County	Napa County	775	1,149	1,276	1,441	1,447	1,449
Alameda County	Sonoma County	1,684	2,132	2,255	2,456	2,478	2,507
Alameda County	Marin County	1,886	2,232	2,223	2,281	2,234	2,213
Contra Costa County	San Francisco County	8,339	9,405	9,347	9,462	9,288	9,337
Contra Costa County	San Mateo County	2,859	3,634	3,948	4,521	5,087	5,361
Contra Costa County	Santa Clara County	3,506	5,202	5,667	6,472	7,488	8,003
Contra Costa County	Alameda County	33,866	44,904	47,042	50,309	53,699	55,742
Contra Costa County	Contra Costa County	503,192	556,239	602,437	689,810	774,742	817,539
Contra Costa County	Solano County	9,759	10,852	11,615	12,997	14,155	14,810
Contra Costa County	Napa County	1,328	2,437	2,811	3,284	3,501	3,599
Contra Costa County	Sonoma County	1,368	2,181	2,354	2,644	2,825	2,930
Contra Costa County	Marin County	1,688	2,367	2,389	2,418	2,415	2,429
Solano County	San Francisco County	1,289	1,304	1,348	1,437	1,501	1,565
Solano County	San Mateo County	473	833	979	1,267	1,695	1,970
Solano County	Santa Clara County	403	1,540	1,873	2,426	3,260	3,785
Solano County	Alameda County	2,515	2,799	2,920	3,048	3,282	3,470
Solano County	Contra Costa County	8,716	9,141	9,278	9,490	9,690	9,843
Solano County	Solano County	201,571	212,166	237,014	279,011	320,905	342,988
Solano County	Napa County	1,093	1,348	1,678	2,053	2,292	2,407
Solano County	Sonoma County	1,031	1,391	1,581	1,839	2,068	2,218
Solano County	Marin County	949	1,164	1,192	1,249	1,294	1,327
Napa County	San Francisco County	292	421	450	474	484	500
Napa County	San Mateo County	103	434	511	636	778	853
Napa County	Santa Clara County	109	949	1,093	1,298	1,552	1,679
Napa County	Alameda County	422	871	976	1,075	1,134	1,161

**Table 11**  
**Non-Home-Based (NHB) Person Trips, County-to-County, 1990 - 2030**

<b>Origin County</b>	<b>Destination County</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Napa County	Contra Costa County	839	1,777	2,020	2,271	2,351	2,365
Napa County	Solano County	833	1,522	1,906	2,353	2,572	2,662
Napa County	Napa County	74,935	84,202	92,364	102,392	106,828	108,303
Napa County	Sonoma County	2,356	6,645	7,148	7,633	7,582	7,523
Napa County	Marin County	244	492	524	560	550	539
Sonoma County	San Francisco County	832	1,450	1,497	1,595	1,746	1,832
Sonoma County	San Mateo County	248	1,504	1,761	2,170	2,756	3,053
Sonoma County	Santa Clara County	292	3,373	3,843	4,476	5,507	6,015
Sonoma County	Alameda County	658	1,778	1,956	2,157	2,494	2,668
Sonoma County	Contra Costa County	568	1,512	1,632	1,775	1,954	2,025
Sonoma County	Solano County	497	939	1,038	1,150	1,233	1,262
Sonoma County	Napa County	1,668	6,568	7,101	7,674	7,989	8,074
Sonoma County	Sonoma County	266,784	292,655	321,795	363,953	406,423	423,877
Sonoma County	Marin County	1,838	2,432	2,416	2,445	2,456	2,427
Marin County	San Francisco County	12,571	11,241	10,962	11,060	10,962	10,936
Marin County	San Mateo County	2,250	2,593	2,618	2,763	2,889	2,929
Marin County	Santa Clara County	880	1,517	1,633	1,895	2,250	2,430
Marin County	Alameda County	1,516	1,215	1,260	1,366	1,489	1,550
Marin County	Contra Costa County	1,375	1,386	1,453	1,591	1,754	1,840
Marin County	Solano County	965	844	905	1,027	1,108	1,138
Marin County	Napa County	348	511	551	626	646	647
Marin County	Sonoma County	3,625	3,501	3,602	3,984	4,088	4,098
Marin County	Marin County	169,678	193,615	198,958	220,443	236,925	243,229
<b>Bay Area</b>	<b>Bay Area</b>	<b>5,134,090</b>	<b>5,820,660</b>	<b>6,094,349</b>	<b>6,875,698</b>	<b>7,566,233</b>	<b>7,919,121</b>
San Francisco County	Bay Area	809,471	920,563	937,598	1,054,299	1,138,407	1,185,720
San Mateo County	Bay Area	634,934	699,051	715,397	808,314	883,607	914,803
Santa Clara County	Bay Area	1,371,101	1,602,743	1,654,123	1,870,147	2,053,745	2,147,334
Alameda County	Bay Area	987,913	1,103,449	1,169,782	1,308,358	1,452,787	1,536,327
Contra Costa County	Bay Area	565,905	637,221	687,611	781,916	873,202	919,749
Solano County	Bay Area	218,040	231,686	257,864	301,822	345,986	369,573
Napa County	Bay Area	80,133	97,313	106,993	118,692	123,831	125,585
Sonoma County	Bay Area	273,385	312,211	343,039	387,394	432,558	451,233
Marin County	Bay Area	193,208	216,423	221,942	244,756	262,110	268,797
Bay Area	San Francisco County	781,753	919,901	937,774	1,056,747	1,142,293	1,191,218
Bay Area	San Mateo County	636,001	700,635	717,608	812,117	887,848	918,760
Bay Area	Santa Clara County	1,377,606	1,604,739	1,659,032	1,873,524	2,061,738	2,157,597
Bay Area	Alameda County	989,378	1,104,127	1,167,939	1,304,107	1,447,289	1,530,495
Bay Area	Contra Costa County	573,309	634,667	683,927	778,264	867,957	913,300
Bay Area	Solano County	219,990	231,931	258,297	302,871	346,351	369,273
Bay Area	Napa County	80,945	97,466	107,063	118,865	124,042	125,792
Bay Area	Sonoma County	279,808	312,504	342,756	386,849	429,696	447,339
Bay Area	Marin County	195,300	214,690	219,952	242,355	259,019	265,347
<b>Bay Area</b>	<b>Bay Area</b>	<b>5,134,090</b>	<b>5,820,660</b>	<b>6,094,349</b>	<b>6,875,698</b>	<b>7,566,233</b>	<b>7,919,121</b>

**Table 12**  
**Home-Based Grade School (HBGS) Person Trips, County-to-County, 1990 - 2030**

Residence County	School County	1990	2000	2006	2015	2025	2030
San Francisco County	San Francisco County	68,198	83,090	102,208	151,231	129,925	115,115
San Francisco County	San Mateo County	878	407	377	351	260	214
San Francisco County	Santa Clara County	31	4	1	0	0	0
San Francisco County	Alameda County	310	231	291	401	407	414
San Francisco County	Contra Costa County	95	90	110	133	136	139
San Francisco County	Solano County	14	8	10	12	13	13
San Francisco County	Napa County	2	1	1	1	1	1
San Francisco County	Sonoma County	4	2	2	2	1	1
San Francisco County	Marin County	70	54	71	92	79	76
San Mateo County	San Francisco County	840	516	578	712	709	694
San Mateo County	San Mateo County	84,272	121,973	128,695	129,181	122,541	121,578
San Mateo County	Santa Clara County	450	253	263	223	186	182
San Mateo County	Alameda County	185	200	206	189	181	189
San Mateo County	Contra Costa County	24	26	27	24	26	28
San Mateo County	Solano County	3	2	2	2	3	3
San Mateo County	Napa County	0	0	0	0	0	0
San Mateo County	Sonoma County	0	0	0	0	0	0
San Mateo County	Marin County	11	8	9	9	9	10
Santa Clara County	San Francisco County	16	8	8	9	7	6
Santa Clara County	San Mateo County	335	301	360	407	422	436
Santa Clara County	Santa Clara County	216,968	313,291	353,956	373,547	361,798	367,299
Santa Clara County	Alameda County	264	404	439	431	428	444
Santa Clara County	Contra Costa County	20	20	21	18	18	18
Santa Clara County	Solano County	0	0	0	0	0	0
Santa Clara County	Napa County	0	0	0	0	0	0
Santa Clara County	Sonoma County	0	0	0	0	0	0
Santa Clara County	Marin County	0	0	0	0	0	0
Alameda County	San Francisco County	213	31	29	25	8	4
Alameda County	San Mateo County	132	49	51	53	51	51
Alameda County	Santa Clara County	319	215	236	240	218	214
Alameda County	Alameda County	183,255	271,445	288,977	291,239	291,551	302,546
Alameda County	Contra Costa County	898	933	1,001	993	1,012	1,062
Alameda County	Solano County	61	50	50	49	48	49
Alameda County	Napa County	5	5	5	4	4	4
Alameda County	Sonoma County	4	1	1	0	0	0
Alameda County	Marin County	52	29	26	22	14	12
Contra Costa County	San Francisco County	65	9	5	1	0	0
Contra Costa County	San Mateo County	17	0	0	0	0	0
Contra Costa County	Santa Clara County	16	4	3	3	2	2
Contra Costa County	Alameda County	860	640	624	537	489	486
Contra Costa County	Contra Costa County	124,125	193,753	203,793	189,913	189,679	198,486
Contra Costa County	Solano County	368	384	382	365	381	399
Contra Costa County	Napa County	20	30	30	27	28	29
Contra Costa County	Sonoma County	6	2	2	1	1	0
Contra Costa County	Marin County	52	42	37	26	17	14
Solano County	San Francisco County	13	0	0	0	0	0
Solano County	San Mateo County	2	0	0	0	0	0
Solano County	Santa Clara County	0	0	0	0	0	0
Solano County	Alameda County	70	21	13	6	2	1
Solano County	Contra Costa County	381	316	252	150	91	75
Solano County	Solano County	61,013	86,197	92,649	94,178	98,568	100,886
Solano County	Napa County	77	178	183	160	166	165
Solano County	Sonoma County	12	5	4	2	1	1
Solano County	Marin County	23	10	6	2	1	0
Napa County	San Francisco County	0	0	0	0	0	0
Napa County	San Mateo County	0	0	0	0	0	0
Napa County	Santa Clara County	0	0	0	0	0	0
Napa County	Alameda County	7	1	1	0	0	0

**Table 12**  
**Home-Based Grade School (HBGS) Person Trips, County-to-County, 1990 - 2030**

<b>Residence County</b>	<b>School County</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Napa County	Contra Costa County	23	27	22	13	8	7
Napa County	Solano County	86	200	203	184	198	202
Napa County	Napa County	15,924	22,778	23,334	21,679	22,578	22,905
Napa County	Sonoma County	19	18	15	10	7	5
Napa County	Marin County	4	2	1	1	0	0
Sonoma County	San Francisco County	11	0	0	0	0	0
Sonoma County	San Mateo County	1	0	0	0	0	0
Sonoma County	Santa Clara County	0	0	0	0	0	0
Sonoma County	Alameda County	11	0	0	0	0	0
Sonoma County	Contra Costa County	11	0	0	0	0	0
Sonoma County	Solano County	19	9	9	9	9	10
Sonoma County	Napa County	27	36	37	35	40	43
Sonoma County	Sonoma County	61,103	86,522	87,736	81,440	80,872	80,769
Sonoma County	Marin County	56	33	25	16	12	10
Marin County	San Francisco County	107	66	61	56	28	20
Marin County	San Mateo County	13	6	4	2	1	0
Marin County	Santa Clara County	0	0	0	0	0	0
Marin County	Alameda County	74	31	34	35	31	31
Marin County	Contra Costa County	54	56	61	61	57	60
Marin County	Solano County	23	17	19	20	22	24
Marin County	Napa County	4	5	5	5	5	6
Marin County	Sonoma County	30	70	68	58	51	50
Marin County	Marin County	26,301	38,334	41,077	39,232	33,960	34,662
<b>Bay Area</b>	<b>Bay Area</b>	<b>848,957</b>	<b>1,223,449</b>	<b>1,328,702</b>	<b>1,377,826</b>	<b>1,337,360</b>	<b>1,350,149</b>
San Francisco County	Bay Area	69,602	83,887	103,070	152,224	130,822	115,974
San Mateo County	Bay Area	85,785	122,978	129,779	130,341	123,654	122,683
Santa Clara County	Bay Area	217,603	314,024	354,784	374,411	362,673	368,204
Alameda County	Bay Area	184,939	272,758	290,374	292,625	292,906	303,941
Contra Costa County	Bay Area	125,529	194,864	204,875	190,872	190,596	199,415
Solano County	Bay Area	61,591	86,727	93,107	94,498	98,829	101,128
Napa County	Bay Area	16,063	23,026	23,576	21,886	22,791	23,119
Sonoma County	Bay Area	61,239	86,600	87,808	81,500	80,933	80,832
Marin County	Bay Area	26,606	38,585	41,329	39,469	34,156	34,853
Bay Area	San Francisco County	69,463	83,720	102,888	152,033	130,677	115,839
Bay Area	San Mateo County	85,650	122,736	129,487	129,995	123,274	122,279
Bay Area	Santa Clara County	217,784	313,767	354,459	374,011	362,204	367,697
Bay Area	Alameda County	185,036	272,973	290,584	292,838	293,089	304,110
Bay Area	Contra Costa County	125,631	195,221	205,286	191,306	191,027	199,874
Bay Area	Solano County	61,587	86,867	93,324	94,818	99,243	101,585
Bay Area	Napa County	16,059	23,033	23,595	21,912	22,824	23,154
Bay Area	Sonoma County	61,178	86,620	87,828	81,513	80,932	80,826
Bay Area	Marin County	26,569	38,512	41,252	39,400	34,091	34,784
<b>Bay Area</b>	<b>Bay Area</b>	<b>848,957</b>	<b>1,223,449</b>	<b>1,328,702</b>	<b>1,377,826</b>	<b>1,337,360</b>	<b>1,350,149</b>

**Table 13**  
**Home-Based High School (HBHS) Person Trips, County-to-County, 1990 - 2030**

Residence County	School County	1990	2000	2006	2015	2025	2030
San Francisco County	San Francisco County	30,123	37,585	45,551	67,192	57,827	50,940
San Francisco County	San Mateo County	2,051	532	518	469	269	199
San Francisco County	Santa Clara County	12	0	0	0	0	0
San Francisco County	Alameda County	89	103	144	169	332	400
San Francisco County	Contra Costa County	44	45	56	97	134	186
San Francisco County	Solano County	1	1	1	4	8	10
San Francisco County	Napa County	0	0	0	0	0	0
San Francisco County	Sonoma County	0	0	0	0	0	0
San Francisco County	Marin County	49	25	25	50	73	62
San Mateo County	San Francisco County	1,251	509	531	717	763	746
San Mateo County	San Mateo County	32,418	51,649	53,902	54,179	51,737	51,163
San Mateo County	Santa Clara County	1,230	299	301	188	128	131
San Mateo County	Alameda County	167	175	194	139	134	159
San Mateo County	Contra Costa County	13	8	8	7	14	22
San Mateo County	Solano County	0	0	0	0	0	0
San Mateo County	Napa County	0	0	0	0	0	0
San Mateo County	Sonoma County	0	0	0	0	0	0
San Mateo County	Marin County	11	4	2	2	4	4
Santa Clara County	San Francisco County	0	0	0	0	0	0
Santa Clara County	San Mateo County	332	182	211	317	434	440
Santa Clara County	Santa Clara County	88,874	132,342	147,585	154,544	151,073	153,319
Santa Clara County	Alameda County	212	269	319	524	554	598
Santa Clara County	Contra Costa County	6	8	6	8	3	3
Santa Clara County	Solano County	0	0	0	0	0	0
Santa Clara County	Napa County	0	0	0	0	0	0
Santa Clara County	Sonoma County	0	0	0	0	0	0
Santa Clara County	Marin County	0	0	0	0	0	0
Alameda County	San Francisco County	31	0	0	0	0	0
Alameda County	San Mateo County	283	13	12	12	14	12
Alameda County	Santa Clara County	430	38	40	23	22	22
Alameda County	Alameda County	71,843	111,969	117,760	118,481	119,105	122,996
Alameda County	Contra Costa County	1,091	914	997	1,046	1,173	1,466
Alameda County	Solano County	7	3	6	18	18	20
Alameda County	Napa County	0	0	0	0	0	0
Alameda County	Sonoma County	0	0	0	0	0	0
Alameda County	Marin County	35	7	4	4	2	1
Contra Costa County	San Francisco County	17	0	0	0	0	0
Contra Costa County	San Mateo County	9	0	0	0	0	0
Contra Costa County	Santa Clara County	1	0	0	0	0	0
Contra Costa County	Alameda County	724	390	405	274	196	160
Contra Costa County	Contra Costa County	48,616	83,553	87,185	80,438	80,536	84,362
Contra Costa County	Solano County	279	471	448	1,003	1,276	1,168
Contra Costa County	Napa County	2	6	6	10	9	6
Contra Costa County	Sonoma County	5	0	0	0	0	0
Contra Costa County	Marin County	305	75	45	41	19	10
Solano County	San Francisco County	0	0	0	0	0	0
Solano County	San Mateo County	0	0	0	0	0	0
Solano County	Santa Clara County	0	0	0	0	0	0
Solano County	Alameda County	13	1	0	0	0	0
Solano County	Contra Costa County	254	117	169	676	789	2
Solano County	Solano County	22,259	38,101	40,519	40,632	42,715	44,395
Solano County	Napa County	10	55	34	27	23	20
Solano County	Sonoma County	3	7	2	0	0	0
Solano County	Marin County	15	1	0	0	0	0
Napa County	San Francisco County	0	0	0	0	0	0
Napa County	San Mateo County	0	0	0	0	0	0
Napa County	Santa Clara County	0	0	0	0	0	0
Napa County	Alameda County	2	0	0	0	0	0

**Table 13**  
**Home-Based High School (HBHS) Person Trips, County-to-County, 1990 - 2030**

<b>Residence County</b>	<b>School County</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Napa County	Contra Costa County	30	4	3	0	0	0
Napa County	Solano County	265	41	70	64	82	100
Napa County	Napa County	6,510	10,681	10,863	10,127	10,599	10,718
Napa County	Sonoma County	35	22	12	7	4	2
Napa County	Marin County	10	0	0	0	0	0
Sonoma County	San Francisco County	0	0	0	0	0	0
Sonoma County	San Mateo County	0	0	0	0	0	0
Sonoma County	Santa Clara County	0	0	0	0	0	0
Sonoma County	Alameda County	0	0	0	0	0	0
Sonoma County	Contra Costa County	0	0	0	0	0	0
Sonoma County	Solano County	6	0	0	0	0	0
Sonoma County	Napa County	7	10	16	13	28	40
Sonoma County	Sonoma County	22,471	40,397	40,557	37,640	37,593	37,461
Sonoma County	Marin County	56	23	40	53	49	48
Marin County	San Francisco County	165	20	21	13	3	2
Marin County	San Mateo County	44	0	0	0	0	0
Marin County	Santa Clara County	0	0	0	0	0	0
Marin County	Alameda County	72	6	10	5	5	6
Marin County	Contra Costa County	59	5	8	6	7	11
Marin County	Solano County	21	1	3	6	10	14
Marin County	Napa County	1	0	0	0	0	0
Marin County	Sonoma County	196	170	163	181	202	193
Marin County	Marin County	10,669	16,574	17,668	16,914	14,643	14,928
<b>Bay Area</b>	<b>Bay Area</b>	<b>343,734</b>	<b>527,411</b>	<b>566,421</b>	<b>586,323</b>	<b>572,606</b>	<b>576,544</b>
San Francisco County	Bay Area	32,369	38,291	46,296	67,982	58,642	51,797
San Mateo County	Bay Area	35,090	52,644	54,938	55,233	52,780	52,224
Santa Clara County	Bay Area	89,424	132,801	148,121	155,393	152,064	154,360
Alameda County	Bay Area	73,720	112,944	118,818	119,584	120,334	124,516
Contra Costa County	Bay Area	49,958	84,495	88,089	81,766	82,035	85,706
Solano County	Bay Area	22,554	38,282	40,724	41,336	43,527	44,417
Napa County	Bay Area	6,852	10,748	10,948	10,198	10,685	10,821
Sonoma County	Bay Area	22,540	40,430	40,613	37,706	37,670	37,549
Marin County	Bay Area	11,227	16,776	17,874	17,125	14,869	15,154
Bay Area	San Francisco County	31,587	38,114	46,103	67,923	58,593	51,688
Bay Area	San Mateo County	35,137	52,376	54,642	54,977	52,453	51,814
Bay Area	Santa Clara County	90,547	132,679	147,926	154,755	151,223	153,471
Bay Area	Alameda County	73,122	112,913	118,832	119,592	120,325	124,318
Bay Area	Contra Costa County	50,113	84,654	88,432	82,279	82,656	86,052
Bay Area	Solano County	22,838	38,618	41,048	41,727	44,109	45,706
Bay Area	Napa County	6,530	10,752	10,919	10,177	10,659	10,785
Bay Area	Sonoma County	22,710	40,596	40,734	37,828	37,798	37,656
Bay Area	Marin County	11,150	16,709	17,785	17,065	14,789	15,053
<b>Bay Area</b>	<b>Bay Area</b>	<b>343,734</b>	<b>527,411</b>	<b>566,421</b>	<b>586,323</b>	<b>572,606</b>	<b>576,544</b>

**Table 14**  
**Home-Based College (HBCol) Person Trips, County-to-County, 1990 - 2030**

Residence County	School County	1990	2000	2006	2015	2025	2030
San Francisco County	San Francisco County	55,015	75,283	73,981	69,927	70,174	72,994
San Francisco County	San Mateo County	160	1,201	976	746	592	529
San Francisco County	Santa Clara County	1,095	658	471	320	215	190
San Francisco County	Alameda County	2,960	2,154	2,200	2,198	2,413	2,611
San Francisco County	Contra Costa County	175	110	116	120	136	146
San Francisco County	Solano County	0	1	1	1	1	1
San Francisco County	Napa County	1	8	8	7	7	7
San Francisco County	Sonoma County	131	176	153	112	93	90
San Francisco County	Marin County	20	168	153	140	119	108
San Mateo County	San Francisco County	10,134	14,324	13,941	13,503	13,941	14,149
San Mateo County	San Mateo County	23,041	31,661	30,049	28,674	29,215	28,720
San Mateo County	Santa Clara County	7,054	4,892	4,626	4,338	4,259	4,100
San Mateo County	Alameda County	3,094	562	533	503	517	513
San Mateo County	Contra Costa County	67	23	24	24	25	24
San Mateo County	Solano County	0	0	0	0	0	0
San Mateo County	Napa County	0	13	11	9	7	6
San Mateo County	Sonoma County	55	139	132	117	103	91
San Mateo County	Marin County	3	13	13	12	11	10
Santa Clara County	San Francisco County	496	679	758	745	766	835
Santa Clara County	San Mateo County	79	1,166	1,230	1,255	1,334	1,389
Santa Clara County	Santa Clara County	114,130	139,136	141,153	141,873	146,668	151,163
Santa Clara County	Alameda County	2,142	4,293	4,407	4,481	4,783	5,059
Santa Clara County	Contra Costa County	32	54	63	67	73	76
Santa Clara County	Solano County	0	1	1	1	1	2
Santa Clara County	Napa County	0	33	39	41	45	45
Santa Clara County	Sonoma County	35	362	469	564	638	669
Santa Clara County	Marin County	0	12	14	17	18	18
Alameda County	San Francisco County	3,267	2,658	2,240	1,674	1,402	1,417
Alameda County	San Mateo County	71	822	862	880	943	992
Alameda County	Santa Clara County	5,976	10,264	10,327	10,139	10,257	10,537
Alameda County	Alameda County	83,603	111,201	110,256	106,524	110,270	116,061
Alameda County	Contra Costa County	1,726	1,920	2,008	2,033	2,222	2,370
Alameda County	Solano County	0	6	7	8	9	10
Alameda County	Napa County	3	55	57	56	61	63
Alameda County	Sonoma County	167	555	579	619	719	786
Alameda County	Marin County	13	160	130	105	83	77
Contra Costa County	San Francisco County	1,781	2,301	2,122	1,884	1,851	1,949
Contra Costa County	San Mateo County	15	390	443	506	586	612
Contra Costa County	Santa Clara County	1,156	3,308	3,671	4,241	4,745	4,904
Contra Costa County	Alameda County	9,327	11,345	10,837	10,346	10,438	10,390
Contra Costa County	Contra Costa County	31,481	41,972	41,802	43,308	46,051	46,028
Contra Costa County	Solano County	3	14	14	16	19	20
Contra Costa County	Napa County	15	210	212	217	227	219
Contra Costa County	Sonoma County	233	1,527	1,702	1,892	2,041	2,062
Contra Costa County	Marin County	24	92	74	62	48	42
Solano County	San Francisco County	1,619	752	922	1,070	1,173	1,265
Solano County	San Mateo County	11	185	243	315	373	393
Solano County	Santa Clara County	870	1,677	2,098	2,673	3,068	3,182
Solano County	Alameda County	2,809	1,156	1,160	1,089	1,035	1,032
Solano County	Contra Costa County	3,212	1,326	1,162	935	724	637
Solano County	Solano County	9,041	18,129	19,507	21,302	22,276	22,309
Solano County	Napa County	223	489	509	529	508	489
Solano County	Sonoma County	743	908	1,027	1,220	1,358	1,372
Solano County	Marin County	185	706	636	571	484	440
Napa County	San Francisco County	392	102	117	122	129	136
Napa County	San Mateo County	4	26	31	36	41	42
Napa County	Santa Clara County	558	236	265	305	336	341
Napa County	Alameda County	355	93	94	84	90	91

**Table 14**  
**Home-Based College (HBCol) Person Trips, County-to-County, 1990 - 2030**

<b>Residence County</b>	<b>School County</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
Napa County	Contra Costa County	132	37	38	34	31	29
Napa County	Solano County	2	10	12	14	18	19
Napa County	Napa County	4,635	6,884	7,175	7,571	7,595	7,276
Napa County	Sonoma County	617	272	264	225	171	155
Napa County	Marin County	3	7	5	5	4	4
Sonoma County	San Francisco County	588	443	516	564	633	706
Sonoma County	San Mateo County	4	85	103	126	152	165
Sonoma County	Santa Clara County	382	774	889	1,067	1,253	1,336
Sonoma County	Alameda County	316	186	220	256	307	334
Sonoma County	Contra Costa County	50	25	30	33	38	41
Sonoma County	Solano County	0	2	2	3	4	5
Sonoma County	Napa County	33	87	100	110	124	124
Sonoma County	Sonoma County	23,151	29,790	30,552	30,512	28,944	27,870
Sonoma County	Marin County	14	32	31	28	25	22
Marin County	San Francisco County	2,336	1,007	822	675	548	545
Marin County	San Mateo County	8	9	8	9	11	12
Marin County	Santa Clara County	238	50	52	67	87	96
Marin County	Alameda County	1,008	52	56	65	80	89
Marin County	Contra Costa County	115	6	6	7	9	10
Marin County	Solano County	0	0	0	0	1	1
Marin County	Napa County	2	3	3	3	4	4
Marin County	Sonoma County	934	1,458	1,430	1,432	1,352	1,263
Marin County	Marin County	9,601	10,812	10,274	10,666	10,930	10,766
<b>Bay Area</b>	<b>Bay Area</b>	<b>422,971</b>	<b>543,738</b>	<b>543,224</b>	<b>538,027</b>	<b>552,040</b>	<b>564,681</b>
San Francisco County	Bay Area	59,557	79,759	78,059	73,571	73,751	76,675
San Mateo County	Bay Area	43,448	51,627	49,328	47,180	48,078	47,612
Santa Clara County	Bay Area	116,914	145,736	148,134	149,043	154,325	159,255
Alameda County	Bay Area	94,826	127,641	126,466	122,038	125,965	132,313
Contra Costa County	Bay Area	44,035	61,159	60,877	62,472	66,007	66,226
Solano County	Bay Area	18,713	25,328	27,265	29,704	30,998	31,119
Napa County	Bay Area	6,698	7,667	8,000	8,397	8,414	8,092
Sonoma County	Bay Area	24,538	31,424	32,443	32,698	31,480	30,603
Marin County	Bay Area	14,242	13,397	12,652	12,924	13,022	12,786
Bay Area	San Francisco County	75,628	97,549	95,418	90,163	90,617	93,994
Bay Area	San Mateo County	23,393	35,545	33,946	32,547	33,246	32,853
Bay Area	Santa Clara County	131,459	160,995	163,552	165,021	170,887	175,850
Bay Area	Alameda County	105,614	131,042	129,763	125,546	129,932	136,180
Bay Area	Contra Costa County	36,990	45,473	45,248	46,561	49,310	49,361
Bay Area	Solano County	9,046	18,163	19,545	21,346	22,329	22,366
Bay Area	Napa County	4,912	7,782	8,114	8,544	8,577	8,233
Bay Area	Sonoma County	26,066	35,187	36,308	36,694	35,419	34,358
Bay Area	Marin County	9,863	12,002	11,331	11,605	11,722	11,486
<b>Bay Area</b>	<b>Bay Area</b>	<b>422,971</b>	<b>543,738</b>	<b>543,224</b>	<b>538,027</b>	<b>552,040</b>	<b>564,681</b>

**Table 15**  
**Total Person Trips (All Trip Purposes Combined), County-to-County, 1990 - 2030**

County of Production	County of Attraction	1990	2000	2006	2015	2025	2030
San Francisco County	San Francisco County	1,832,822	2,149,893	2,226,197	2,505,316	2,689,811	2,806,777
San Francisco County	San Mateo County	215,607	237,318	229,842	233,427	236,273	240,292
San Francisco County	Santa Clara County	28,681	35,435	32,123	28,760	27,078	27,884
San Francisco County	Alameda County	81,179	76,711	80,323	84,369	92,026	99,104
San Francisco County	Contra Costa County	22,969	21,502	22,447	22,416	24,975	27,242
San Francisco County	Solano County	3,011	2,006	2,030	1,946	2,113	2,244
San Francisco County	Napa County	765	878	820	828	847	870
San Francisco County	Sonoma County	4,088	2,628	2,257	2,030	2,337	2,511
San Francisco County	Marin County	36,146	25,641	25,424	24,363	28,051	30,433
San Mateo County	San Francisco County	325,193	345,116	360,888	392,692	420,977	430,459
San Mateo County	San Mateo County	1,559,326	1,786,105	1,866,610	2,057,130	2,223,246	2,284,816
San Mateo County	Santa Clara County	218,991	237,271	238,486	247,154	259,924	262,114
San Mateo County	Alameda County	51,319	51,873	51,261	51,494	54,055	55,837
San Mateo County	Contra Costa County	9,509	8,149	8,886	8,272	8,769	9,010
San Mateo County	Solano County	1,182	1,068	1,054	928	952	975
San Mateo County	Napa County	306	430	435	395	375	366
San Mateo County	Sonoma County	1,164	1,832	1,456	1,316	1,420	1,509
San Mateo County	Marin County	7,677	4,969	5,272	4,865	5,272	5,421
Santa Clara County	San Francisco County	35,634	31,424	32,626	42,958	46,231	49,648
Santa Clara County	San Mateo County	156,982	199,995	207,520	259,019	297,806	318,486
Santa Clara County	Santa Clara County	4,608,866	5,335,511	5,646,664	6,315,073	6,949,480	7,281,904
Santa Clara County	Alameda County	102,105	130,236	152,802	168,436	192,409	204,554
Santa Clara County	Contra Costa County	11,003	12,680	18,524	17,834	19,269	20,168
Santa Clara County	Solano County	988	1,486	1,653	1,334	1,363	1,446
Santa Clara County	Napa County	242	727	1,065	753	739	780
Santa Clara County	Sonoma County	785	2,745	3,672	3,090	3,858	5,213
Santa Clara County	Marin County	1,969	2,196	2,175	2,087	2,227	2,324
Alameda County	San Francisco County	164,093	189,804	192,935	230,472	273,355	286,388
Alameda County	San Mateo County	84,783	88,127	100,730	123,790	150,168	161,295
Alameda County	Santa Clara County	142,783	198,688	226,513	259,463	297,837	311,655
Alameda County	Alameda County	2,990,371	3,470,111	3,695,836	4,021,320	4,475,719	4,741,629
Alameda County	Contra Costa County	128,125	164,704	182,408	191,679	215,482	229,952
Alameda County	Solano County	8,991	7,301	7,623	7,393	8,358	9,117
Alameda County	Napa County	1,993	1,850	2,037	2,077	2,192	2,255
Alameda County	Sonoma County	4,512	4,370	3,928	4,001	5,186	5,814
Alameda County	Marin County	9,002	9,247	8,085	8,167	10,405	11,199
Contra Costa County	San Francisco County	123,766	117,168	130,866	164,082	181,022	181,661
Contra Costa County	San Mateo County	21,666	20,508	25,603	31,365	34,962	35,217
Contra Costa County	Santa Clara County	17,258	28,838	36,445	45,867	53,141	57,427
Contra Costa County	Alameda County	265,702	286,597	299,755	337,704	349,839	354,308
Contra Costa County	Contra Costa County	1,776,799	2,206,956	2,397,191	2,661,832	2,955,722	3,105,692
Contra Costa County	Solano County	38,954	34,923	37,319	37,391	40,811	44,154
Contra Costa County	Napa County	5,547	6,060	6,835	6,894	7,217	7,389
Contra Costa County	Sonoma County	6,629	5,357	5,437	5,602	6,725	7,513
Contra Costa County	Marin County	12,068	15,240	13,277	14,379	18,019	19,064
Solano County	San Francisco County	21,914	20,076	26,310	32,676	35,479	34,318
Solano County	San Mateo County	5,384	5,322	9,263	13,824	20,382	23,411
Solano County	Santa Clara County	2,531	6,750	11,841	17,400	23,248	25,452
Solano County	Alameda County	27,937	28,997	39,077	46,749	47,073	45,653
Solano County	Contra Costa County	56,339	65,725	73,461	81,839	82,227	78,538
Solano County	Solano County	748,420	879,452	990,543	1,141,158	1,286,193	1,357,337
Solano County	Napa County	10,956	21,906	26,047	31,363	35,748	36,591
Solano County	Sonoma County	6,641	6,821	6,130	7,028	10,872	12,291
Solano County	Marin County	6,467	10,887	10,968	12,399	14,987	14,982
Napa County	San Francisco County	3,923	3,524	4,610	6,019	6,083	5,844
Napa County	San Mateo County	540	1,424	2,176	2,940	3,574	3,947
Napa County	Santa Clara County	857	2,076	3,199	4,396	5,222	5,591
Napa County	Alameda County	3,959	3,845	5,099	6,234	5,996	5,705

**Table 15**  
**Total Person Trips (All Trip Purposes Combined), County-to-County, 1990 - 2030**

County of Production	County of Attraction	1990	2000	2006	2015	2025	2030
Napa County	Contra Costa County	5,274	7,629	8,692	10,697	10,941	10,639
Napa County	Solano County	10,807	10,800	12,002	15,382	17,965	19,059
Napa County	Napa County	267,828	314,379	340,465	364,924	380,991	386,044
Napa County	Sonoma County	12,273	15,839	15,781	16,965	20,788	23,301
Napa County	Marin County	2,266	2,411	2,304	2,634	2,848	2,823
Sonoma County	San Francisco County	16,217	30,310	29,503	23,762	14,565	12,362
Sonoma County	San Mateo County	2,028	7,328	8,575	10,676	10,283	10,551
Sonoma County	Santa Clara County	1,338	6,781	12,197	17,228	17,209	17,543
Sonoma County	Alameda County	5,511	6,029	9,165	10,486	8,234	7,766
Sonoma County	Contra Costa County	3,388	4,758	6,669	7,621	6,348	6,014
Sonoma County	Solano County	2,531	3,762	4,661	5,136	4,453	4,370
Sonoma County	Napa County	7,913	18,534	21,012	21,808	19,324	18,458
Sonoma County	Sonoma County	1,015,675	1,202,837	1,322,519	1,450,788	1,579,552	1,630,412
Sonoma County	Marin County	27,878	30,516	39,138	44,170	37,717	34,426
Marin County	San Francisco County	89,306	73,563	73,056	85,176	80,490	77,022
Marin County	San Mateo County	9,605	10,401	10,273	10,490	9,590	9,138
Marin County	Santa Clara County	2,722	3,884	4,678	4,906	4,518	4,436
Marin County	Alameda County	13,650	10,449	12,036	13,592	13,004	13,279
Marin County	Contra Costa County	7,473	8,044	8,932	9,864	10,193	10,725
Marin County	Solano County	3,205	2,537	2,631	2,691	2,814	2,975
Marin County	Napa County	1,288	1,293	1,307	1,287	1,237	1,237
Marin County	Sonoma County	18,020	15,475	15,060	13,351	18,230	22,506
Marin County	Marin County	539,949	627,778	652,465	705,108	751,154	773,989
<b>Bay Area</b>	<b>Bay Area</b>	<b>18,083,564</b>	<b>21,033,815</b>	<b>22,417,179</b>	<b>24,884,529</b>	<b>27,277,571</b>	<b>28,492,850</b>
San Francisco County	Bay Area	2,225,268	2,552,011	2,621,462	2,903,453	3,103,510	3,237,358
San Mateo County	Bay Area	2,174,667	2,436,813	2,534,348	2,764,245	2,974,990	3,050,507
Santa Clara County	Bay Area	4,918,574	5,717,000	6,066,701	6,810,585	7,513,381	7,884,523
Alameda County	Bay Area	3,534,653	4,134,203	4,420,095	4,848,361	5,438,701	5,759,303
Contra Costa County	Bay Area	2,268,389	2,721,646	2,952,728	3,305,116	3,647,458	3,812,424
Solano County	Bay Area	886,589	1,045,935	1,193,640	1,384,437	1,556,209	1,628,572
Napa County	Bay Area	307,727	361,928	394,328	430,191	454,407	462,953
Sonoma County	Bay Area	1,082,479	1,310,856	1,453,439	1,591,675	1,697,683	1,741,902
Marin County	Bay Area	685,218	753,423	780,438	846,466	891,232	915,308
Bay Area	San Francisco County	2,612,868	2,960,879	3,076,991	3,483,151	3,748,011	3,884,478
Bay Area	San Mateo County	2,055,921	2,356,528	2,460,593	2,742,660	2,986,284	3,087,153
Bay Area	Santa Clara County	5,024,027	5,855,233	6,212,146	6,940,248	7,637,656	7,994,004
Bay Area	Alameda County	3,541,733	4,064,848	4,345,353	4,740,385	5,238,356	5,527,835
Bay Area	Contra Costa County	2,020,879	2,500,147	2,727,210	3,012,054	3,333,925	3,497,982
Bay Area	Solano County	818,089	943,335	1,059,516	1,213,358	1,365,022	1,441,677
Bay Area	Napa County	296,838	366,056	400,023	430,330	448,670	453,990
Bay Area	Sonoma County	1,069,787	1,257,903	1,376,240	1,504,169	1,648,968	1,711,070
Bay Area	Marin County	643,422	728,885	759,107	818,173	870,679	894,661
<b>Bay Area</b>	<b>Bay Area</b>	<b>18,083,564</b>	<b>21,033,815</b>	<b>22,417,179</b>	<b>24,884,529</b>	<b>27,277,571</b>	<b>28,492,850</b>

**Table 16**  
**Total Commercial Vehicle Trips, County-to-County, 1990-2030**

County of Production	County of Attraction	1990	2000	2006	2015	2025	2030
San Francisco County	San Francisco County	30,377	33,991	34,861	39,491	43,074	44,864
San Francisco County	San Mateo County	3,303	3,434	3,320	3,524	3,679	3,744
San Francisco County	Santa Clara County	2,762	2,379	2,253	2,288	2,249	2,222
San Francisco County	Alameda County	3,340	3,199	3,350	3,657	3,926	4,043
San Francisco County	Contra Costa County	948	868	912	981	1,051	1,085
San Francisco County	Solano County	1,148	983	1,026	1,112	1,204	1,251
San Francisco County	Napa County	298	331	359	397	405	404
San Francisco County	Sonoma County	235	206	211	223	241	247
San Francisco County	Marin County	1,020	1,067	1,076	1,174	1,294	1,351
San Mateo County	San Francisco County	3,035	3,228	3,265	3,842	4,285	4,506
San Mateo County	San Mateo County	9,574	12,730	13,074	15,257	17,064	17,870
San Mateo County	Santa Clara County	6,427	7,001	7,052	7,766	8,175	8,322
San Mateo County	Alameda County	4,232	4,612	4,752	5,350	5,825	5,994
San Mateo County	Contra Costa County	619	580	601	666	713	729
San Mateo County	Solano County	284	251	259	291	323	339
San Mateo County	Napa County	77	89	95	108	112	113
San Mateo County	Sonoma County	63	57	58	63	70	72
San Mateo County	Marin County	210	205	206	232	259	271
Santa Clara County	San Francisco County	2,086	2,036	2,024	2,319	2,443	2,508
Santa Clara County	San Mateo County	5,230	6,227	6,352	7,322	7,906	8,170
Santa Clara County	Santa Clara County	44,059	55,014	55,448	65,686	71,885	75,099
Santa Clara County	Alameda County	7,468	8,677	9,317	11,119	12,375	13,126
Santa Clara County	Contra Costa County	2,022	1,997	2,127	2,536	2,726	2,754
Santa Clara County	Solano County	259	249	255	292	318	333
Santa Clara County	Napa County	68	85	89	101	101	100
Santa Clara County	Sonoma County	57	55	56	61	63	64
Santa Clara County	Marin County	102	106	104	115	120	122
Alameda County	San Francisco County	2,913	2,657	2,653	2,783	2,757	2,748
Alameda County	San Mateo County	4,346	4,702	4,889	5,575	6,163	6,403
Alameda County	Santa Clara County	8,662	10,539	11,267	13,232	14,821	15,769
Alameda County	Alameda County	24,148	29,138	31,500	36,117	40,801	43,345
Alameda County	Contra Costa County	4,850	5,345	5,842	6,487	7,146	7,517
Alameda County	Solano County	1,460	1,395	1,485	1,626	1,764	1,835
Alameda County	Napa County	359	438	487	545	558	558
Alameda County	Sonoma County	130	120	125	131	138	141
Alameda County	Marin County	440	479	486	514	537	547
Contra Costa County	San Francisco County	852	742	732	739	722	722
Contra Costa County	San Mateo County	635	581	595	644	685	703
Contra Costa County	Santa Clara County	2,417	2,524	2,678	3,112	3,367	3,435
Contra Costa County	Alameda County	4,980	5,657	6,186	6,810	7,547	7,982
Contra Costa County	Contra Costa County	11,841	14,027	15,293	17,625	20,236	21,692
Contra Costa County	Solano County	1,722	1,907	2,057	2,298	2,629	2,835
Contra Costa County	Napa County	334	465	531	612	663	689
Contra Costa County	Sonoma County	72	64	68	70	76	78
Contra Costa County	Marin County	205	241	250	265	287	300
Solano County	San Francisco County	1,212	986	976	1,013	1,008	1,013
Solano County	San Mateo County	332	262	262	279	290	298
Solano County	Santa Clara County	331	333	340	379	406	423
Solano County	Alameda County	1,750	1,673	1,776	1,935	2,080	2,158
Solano County	Contra Costa County	2,010	2,292	2,496	2,843	3,253	3,487
Solano County	Solano County	3,066	4,331	4,985	6,216	7,668	8,536
Solano County	Napa County	317	462	560	711	842	911
Solano County	Sonoma County	635	490	537	600	686	728
Solano County	Marin County	265	255	266	296	326	340
Napa County	San Francisco County	277	312	320	340	321	311
Napa County	San Mateo County	77	87	89	95	94	92
Napa County	Santa Clara County	72	100	105	119	120	119

**Table 16**  
**Total Commercial Vehicle Trips, County-to-County, 1990-2030**

County of Production	County of Attraction	1990	2000	2006	2015	2025	2030
Napa County	Alameda County	371	474	525	588	598	598
Napa County	Contra Costa County	329	497	575	682	747	775
Napa County	Solano County	275	433	518	647	754	806
Napa County	Napa County	978	2,254	2,433	2,692	2,827	2,877
Napa County	Sonoma County	989	1,220	1,301	1,397	1,467	1,490
Napa County	Marin County	83	109	115	130	134	134
Sonoma County	San Francisco County	257	228	227	237	233	231
Sonoma County	San Mateo County	67	60	58	60	59	58
Sonoma County	Santa Clara County	62	55	55	59	60	60
Sonoma County	Alameda County	138	108	114	122	126	127
Sonoma County	Contra Costa County	71	59	63	69	73	76
Sonoma County	Solano County	552	426	481	561	638	677
Sonoma County	Napa County	1,038	1,257	1,369	1,494	1,543	1,552
Sonoma County	Sonoma County	8,030	11,928	13,619	15,976	18,796	20,036
Sonoma County	Marin County	2,236	2,705	2,796	3,130	3,295	3,313
Marin County	San Francisco County	1,114	1,244	1,221	1,320	1,330	1,337
Marin County	San Mateo County	231	235	222	227	221	218
Marin County	Santa Clara County	123	116	112	119	120	120
Marin County	Alameda County	464	412	433	483	511	524
Marin County	Contra Costa County	200	186	199	222	240	251
Marin County	Solano County	223	167	178	208	228	238
Marin County	Napa County	81	87	93	108	109	108
Marin County	Sonoma County	2,082	2,567	2,664	3,041	3,335	3,434
Marin County	Marin County	3,210	4,896	5,136	6,008	6,733	7,074
<b>Bay Area</b>	<b>Bay Area</b>	<b>233,217</b>	<b>273,984</b>	<b>286,849</b>	<b>329,562</b>	<b>364,055</b>	<b>381,532</b>
San Francisco County	Bay Area	43,431	46,458	47,368	52,847	57,123	59,211
San Mateo County	Bay Area	24,521	28,753	29,363	33,576	36,825	38,217
Santa Clara County	Bay Area	61,351	74,446	75,773	89,550	97,937	102,277
Alameda County	Bay Area	47,308	54,813	58,733	67,009	74,685	78,863
Contra Costa County	Bay Area	23,058	26,206	28,390	32,175	36,212	38,436
Solano County	Bay Area	9,918	11,085	12,199	14,271	16,560	17,894
Napa County	Bay Area	3,451	5,487	5,982	6,691	7,063	7,202
Sonoma County	Bay Area	12,451	16,825	18,782	21,707	24,823	26,128
Marin County	Bay Area	7,728	9,911	10,259	11,736	12,827	13,304
Bay Area	San Francisco County	42,123	45,425	46,278	52,083	56,173	58,240
Bay Area	San Mateo County	23,795	28,317	28,862	32,983	36,162	37,557
Bay Area	Santa Clara County	64,915	78,059	79,310	92,760	101,202	105,571
Bay Area	Alameda County	46,891	53,950	57,953	66,180	73,788	77,896
Bay Area	Contra Costa County	22,890	25,852	28,109	32,112	36,185	38,365
Bay Area	Solano County	8,989	10,141	11,245	13,250	15,528	16,850
Bay Area	Napa County	3,550	5,469	6,017	6,769	7,160	7,312
Bay Area	Sonoma County	12,293	16,708	18,640	21,563	24,872	26,289
Bay Area	Marin County	7,771	10,063	10,435	11,863	12,985	13,453
<b>Bay Area</b>	<b>Bay Area</b>	<b>233,217</b>	<b>273,984</b>	<b>286,849</b>	<b>329,562</b>	<b>364,055</b>	<b>381,532</b>

Note: "Total Commercial" trips includes large trucks with six-or-more tires, only.

**Table 17**  
**Bay Area Regional Trips by Trip Purpose and Travel Mode, 1990-2030**

Trip Purpose Travel Mode	Base Year 1990	Base Year 2000	Year 2006	Year 2015	Year 2025	Year 2030
<b><i>Home-Based Work, Income Quartile 1 (&lt; \$25,000)</i></b>						
Drive Alone	321,686	347,281	268,351	248,146	204,210	178,433
Shared Ride 2	58,318	62,169	53,694	50,553	43,471	39,182
Shared Ride 3+	17,055	23,279	20,723	19,376	16,598	14,885
Transit	86,804	87,732	74,384	76,718	66,734	59,757
Bicycle	10,214	12,413	10,521	10,534	9,559	8,748
Walk	45,075	52,015	43,386	42,847	38,288	34,987
Total	539,152	584,889	471,059	448,174	378,860	335,992
<b><i>Home-Based Work, Income Quartile 2 (\$25000 - \$45000)</i></b>						
Drive Alone	775,244	690,233	602,451	643,515	656,132	644,537
Shared Ride 2	119,933	109,290	101,955	111,454	117,569	118,598
Shared Ride 3+	36,917	41,060	40,037	45,332	48,695	48,554
Transit	131,103	120,932	110,133	132,974	145,295	147,836
Bicycle	13,322	13,203	11,961	14,139	16,425	17,235
Walk	50,583	40,067	36,412	41,934	47,731	49,799
Total	1,127,102	1,014,785	902,949	989,348	1,031,847	1,026,559
<b><i>Home-Based Work, Income Quartile 3 (\$45000 - \$75000)</i></b>						
Drive Alone	1,179,629	1,151,119	1,137,525	1,300,051	1,450,937	1,497,419
Shared Ride 2	169,333	164,390	169,796	199,708	229,957	242,847
Shared Ride 3+	55,859	57,484	61,878	75,519	87,294	91,154
Transit	147,535	165,788	166,494	212,324	251,899	268,460
Bicycle	13,208	16,116	16,344	20,805	26,744	29,855
Walk	41,205	40,037	40,272	49,338	61,682	68,092
Total	1,606,769	1,594,934	1,592,309	1,857,745	2,108,513	2,197,827
<b><i>Home-Based Work, Income Quartile 4 (&gt; \$75000)</i></b>						
Drive Alone	988,382	1,537,691	1,783,682	2,151,406	2,613,045	2,850,294
Shared Ride 2	124,265	196,154	235,199	289,891	360,357	400,023
Shared Ride 3+	38,661	63,669	78,818	99,006	123,282	135,437
Transit	104,935	197,704	245,048	328,888	421,433	468,674
Bicycle	9,242	18,579	21,420	28,594	39,690	46,565
Walk	26,895	39,876	45,557	58,947	80,586	94,173
Total	1,292,380	2,052,642	2,409,724	2,956,732	3,638,393	3,995,166
<b><i>Home-Based Work, TOTAL</i></b>						
Drive Alone	3,264,941	3,726,324	3,792,009	4,343,118	4,924,324	5,170,683
Shared Ride 2	471,849	532,003	560,644	651,606	751,354	800,650
Shared Ride 3+	148,492	185,492	201,456	239,233	275,869	290,030
Transit	470,377	572,156	596,059	750,904	885,361	944,727
Bicycle	45,986	60,311	60,246	74,072	92,418	102,403
Walk	163,758	171,995	165,627	193,066	228,287	247,051
Total	4,565,403	5,248,281	5,376,041	6,251,999	7,157,613	7,555,544

**Table 17 (continued)**  
**Bay Area Regional Trips by Trip Purpose and Travel Mode, 1990-2030**

Trip Purpose Travel Mode	Base Year 1990-revised	Base Year 2000	Year 2006	Year 2015	Year 2025	Year 2030
<b><i>Home-Based Shop (Other)</i></b>						
Drive Alone	1,958,120	2,426,413	2,717,735	2,949,142	3,204,362	3,322,361
Shared Ride 2	1,310,985	1,331,798	1,480,603	1,592,327	1,725,156	1,792,524
Shared Ride 3+	757,082	776,471	876,187	935,548	992,632	1,024,042
Transit	203,777	203,256	223,165	261,503	297,566	323,320
Bicycle	33,389	30,957	34,555	37,770	42,186	44,405
Walk	391,909	432,194	477,365	517,749	580,861	617,460
Total	4,655,262	5,201,089	5,809,610	6,294,039	6,842,763	7,124,112
<b><i>Home-Based Social/Recreation</i></b>						
Drive Alone	680,241	858,180	936,978	1,022,807	1,115,948	1,163,376
Shared Ride 2	581,378	682,040	741,920	820,612	915,692	965,041
Shared Ride 3+	502,813	564,597	627,039	680,590	734,892	764,419
Transit	77,563	74,413	75,340	90,066	103,842	113,237
Bicycle	55,350	71,351	77,116	80,442	82,624	83,589
Walk	215,794	218,612	240,439	266,100	295,958	313,037
Total	2,113,139	2,469,193	2,698,832	2,960,617	3,248,956	3,402,699
<b><i>Non-Home-Based</i></b>						
Vehicle Driver	3,498,073	3,993,926	4,176,786	4,683,484	5,150,962	5,383,951
Vehicle Passenger	723,647	911,762	955,955	1,076,905	1,187,977	1,243,963
Transit	221,147	152,854	159,881	185,177	202,869	212,124
Bicycle	35,841	48,846	50,871	57,873	64,314	67,988
Walk	655,088	713,275	750,856	872,259	960,111	1,011,095
Total	5,133,796	5,820,663	6,094,349	6,875,698	7,566,233	7,919,121
<b><i>Home-Based Grade School</i></b>						
Vehicle Passenger	569,859	837,899	908,712	924,240	917,273	938,863
Transit	80,207	64,914	63,037	81,422	72,257	67,100
Bicycle	24,135	46,844	50,939	51,575	48,061	47,945
Walk	174,759	273,793	306,014	320,589	299,769	296,241
Total	848,960	1,223,450	1,328,702	1,377,826	1,337,360	1,350,149
<b><i>Home-Based High School</i></b>						
Vehicle Driver	53,377	82,685	89,743	89,490	88,730	90,360
Vehicle Passenger	163,010	274,227	291,753	283,679	278,778	282,255
Transit	49,584	51,503	57,062	82,390	76,866	73,786
Bicycle	12,912	22,844	24,765	25,372	24,601	24,966
Walk	64,850	96,153	103,098	105,392	103,631	105,177
Total	343,733	527,412	566,421	586,323	572,606	576,544
<b><i>Home-Based College</i></b>						
Vehicle Driver	245,593	324,918	322,332	314,479	319,718	323,566
Vehicle Passenger	65,399	88,524	91,822	93,073	97,542	100,873
Transit	62,953	56,459	54,703	55,423	56,932	59,757
Bicycle	16,606	29,436	29,304	29,158	30,336	31,615
Walk	32,421	44,400	45,063	45,894	47,512	48,870
Total	422,972	543,737	543,224	538,027	552,040	564,681

**Table 17 (continued)**  
**Bay Area Regional Trips by Trip Purpose and Travel Mode, 1990-2030**

Trip Purpose Travel Mode	Base Year 1990-revised	Base Year 2000	Year 2006	Year 2015	Year 2025	Year 2030
<b><i>Home-Based School, TOTAL</i></b>						
Vehicle Driver	298,970	407,603	412,075	403,969	408,448	413,926
Vehicle Passenger	798,268	1,200,650	1,292,287	1,300,992	1,293,593	1,321,991
Transit	192,744	172,876	174,802	219,235	206,055	200,643
Bicycle	53,653	99,124	105,008	106,105	102,998	104,526
Walk	272,030	414,346	454,175	471,875	450,912	450,288
Total	1,615,665	2,294,599	2,438,347	2,502,176	2,462,006	2,491,374

***Grand Total, All Trip Purposes***

Drive Alone	5,903,302	7,010,917	7,446,722	8,315,067	9,244,634	9,656,420
Shared Ride 2	2,364,212	2,545,841	2,783,167	3,064,545	3,392,202	3,558,215
Shared Ride 3+	1,408,387	1,526,560	1,704,682	1,855,371	2,003,393	2,078,491
Vehicle Driver	3,797,043	4,401,529	4,588,861	5,087,453	5,559,410	5,797,877
Vehicle Passenger	1,521,915	2,112,412	2,248,242	2,377,897	2,481,570	2,565,954
Transit	1,165,608	1,175,555	1,229,247	1,506,885	1,695,693	1,794,051
Bicycle	224,219	310,589	327,796	356,262	384,540	402,911
Walk	1,698,579	1,950,422	2,088,462	2,321,049	2,516,129	2,638,931
Total	18,083,265	21,033,825	22,417,179	24,884,529	27,277,571	28,492,850
Computed Veh. Driv.	11,284,847	13,121,527	13,914,219	15,464,899	17,072,543	17,827,259
Computed Veh. Occ.	1.329	1.341	1.349	1.339	1.329	1.327

***Summary Statistics***

	Base Year 1990	Base Year 2000	Year 2006	Year 2015	Year 2025	Year 2030
Auto	14,994,859	17,597,259	18,771,674	20,700,333	22,681,209	23,656,957
Transit	1,165,608	1,175,555	1,229,247	1,506,885	1,695,693	1,794,051
Bicycle	224,219	310,589	327,796	356,262	384,540	402,911
Walk	1,698,579	1,950,422	2,088,462	2,321,049	2,516,129	2,638,931
Total	18,083,265	21,033,825	22,417,179	24,884,529	27,277,571	28,492,850
Truck Trips	3,013,162	3,404,371	3,557,439	4,040,297	4,446,835	4,654,503
I/X Vehicle Trips	409,399	548,354	612,384	783,356	991,444	1,144,424
I/I Vehicle Trips	11,284,847	13,121,527	13,914,219	15,464,899	17,072,543	17,827,259
Total Vehicle Trips	14,707,408	17,074,252	18,084,042	20,288,552	22,510,822	23,626,186
NW-Auto	11,109,577	13,153,440	14,217,565	15,466,376	16,729,662	17,395,594
NW-Transit	695,231	603,399	633,188	755,981	810,332	849,324
NW-Bicycle	178,233	250,278	267,550	282,190	292,122	300,508
NW-Walk	1,534,821	1,778,427	1,922,835	2,127,983	2,287,842	2,391,880
NW-Total	13,517,862	15,785,544	17,041,138	18,632,530	20,119,958	20,937,306

Notes:

I/X Vehicle Trips are interregional vehicle trips (personal + commercial).

I/I Vehicle Trips are intraregional, personal vehicle trips.

NW is "non-work", intraregional personal travel excluding home-based work trips.

**Table 18**  
**Share of Bay Area Regional Trips by Trip Purpose and Travel Mode, 1990-2030**

Trip Purpose Travel Mode	Base Year 1990	Base Year 2000	Year 2006	Year 2015	Year 2025	Year 2030
<b><i>Home-Based Work, Income Quartile 1 (&lt; \$25,000)</i></b>						
Drive Alone	59.7%	59.4%	57.0%	55.4%	53.9%	53.1%
Shared Ride 2	10.8%	10.6%	11.4%	11.3%	11.5%	11.7%
Shared Ride 3+	3.2%	4.0%	4.4%	4.3%	4.4%	4.4%
Transit	16.1%	15.0%	15.8%	17.1%	17.6%	17.8%
Bicycle	1.9%	2.1%	2.2%	2.4%	2.5%	2.6%
Walk	8.4%	8.9%	9.2%	9.6%	10.1%	10.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<b><i>Home-Based Work, Income Quartile 2 (\$25000 - \$45000)</i></b>						
Drive Alone	68.8%	68.0%	66.7%	65.0%	63.6%	62.8%
Shared Ride 2	10.6%	10.8%	11.3%	11.3%	11.4%	11.6%
Shared Ride 3+	3.3%	4.0%	4.4%	4.6%	4.7%	4.7%
Transit	11.6%	11.9%	12.2%	13.4%	14.1%	14.4%
Bicycle	1.2%	1.3%	1.3%	1.4%	1.6%	1.7%
Walk	4.5%	3.9%	4.0%	4.2%	4.6%	4.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<b><i>Home-Based Work, Income Quartile 3 (\$45000 - \$75000)</i></b>						
Drive Alone	73.4%	72.2%	71.4%	70.0%	68.8%	68.1%
Shared Ride 2	10.5%	10.3%	10.7%	10.8%	10.9%	11.0%
Shared Ride 3+	3.5%	3.6%	3.9%	4.1%	4.1%	4.1%
Transit	9.2%	10.4%	10.5%	11.4%	11.9%	12.2%
Bicycle	0.8%	1.0%	1.0%	1.1%	1.3%	1.4%
Walk	2.6%	2.5%	2.5%	2.7%	2.9%	3.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<b><i>Home-Based Work, Income Quartile 4 (&gt; \$75000)</i></b>						
Drive Alone	76.5%	74.9%	74.0%	72.8%	71.8%	71.3%
Shared Ride 2	9.6%	9.6%	9.8%	9.8%	9.9%	10.0%
Shared Ride 3+	3.0%	3.1%	3.3%	3.3%	3.4%	3.4%
Transit	8.1%	9.6%	10.2%	11.1%	11.6%	11.7%
Bicycle	0.7%	0.9%	0.9%	1.0%	1.1%	1.2%
Walk	2.1%	1.9%	1.9%	2.0%	2.2%	2.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<b><i>Home-Based Work, TOTAL</i></b>						
Drive Alone	71.5%	71.0%	70.5%	69.5%	68.8%	68.4%
Shared Ride 2	10.3%	10.1%	10.4%	10.4%	10.5%	10.6%
Shared Ride 3+	3.3%	3.5%	3.7%	3.8%	3.9%	3.8%
Transit	10.3%	10.9%	11.1%	12.0%	12.4%	12.5%
Bicycle	1.0%	1.1%	1.1%	1.2%	1.3%	1.4%
Walk	3.6%	3.3%	3.1%	3.1%	3.2%	3.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Table 18 (continued)**

**Share of Bay Area Regional Trips by Trip Purpose and Travel Mode, 1990-2030**

Trip Purpose Travel Mode	Base Year 1990	Base Year 2000	Year 2006	Year 2015	Year 2025	Year 2030
<b><i>Home-Based Shop (Other)</i></b>						
Drive Alone	42.1%	46.7%	46.8%	46.9%	46.8%	46.6%
Shared Ride 2	28.2%	25.6%	25.5%	25.3%	25.2%	25.2%
Shared Ride 3+	16.3%	14.9%	15.1%	14.9%	14.5%	14.4%
Transit	4.4%	3.9%	3.8%	4.2%	4.3%	4.5%
Bicycle	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%
Walk	8.4%	8.3%	8.2%	8.2%	8.5%	8.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<b><i>Home-Based Social/Recreation</i></b>						
Drive Alone	32.2%	34.8%	34.7%	34.5%	34.3%	34.2%
Shared Ride 2	27.5%	27.6%	27.5%	27.7%	28.2%	28.4%
Shared Ride 3+	23.8%	22.9%	23.2%	23.0%	22.6%	22.5%
Transit	3.7%	3.0%	2.8%	3.0%	3.2%	3.3%
Bicycle	2.6%	2.9%	2.9%	2.7%	2.5%	2.5%
Walk	10.2%	8.9%	8.9%	9.0%	9.1%	9.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<b><i>Non-Home-Based</i></b>						
Vehicle Driver	68.1%	68.6%	68.5%	68.1%	68.1%	68.0%
Vehicle Passenger	14.1%	15.7%	15.7%	15.7%	15.7%	15.7%
Transit	4.3%	2.6%	2.6%	2.7%	2.7%	2.7%
Bicycle	0.7%	0.8%	0.8%	0.8%	0.9%	0.9%
Walk	12.8%	12.3%	12.3%	12.7%	12.7%	12.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<b><i>Home-Based Grade School</i></b>						
Vehicle Passenger	67.1%	68.5%	68.4%	67.1%	68.6%	69.5%
Transit	9.4%	5.3%	4.7%	5.9%	5.4%	5.0%
Bicycle	2.8%	3.8%	3.8%	3.7%	3.6%	3.6%
Walk	20.6%	22.4%	23.0%	23.3%	22.4%	21.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<b><i>Home-Based High School</i></b>						
Vehicle Driver	15.5%	15.7%	15.8%	15.3%	15.5%	15.7%
Vehicle Passenger	47.4%	52.0%	51.5%	48.4%	48.7%	49.0%
Transit	14.4%	9.8%	10.1%	14.1%	13.4%	12.8%
Bicycle	3.8%	4.3%	4.4%	4.3%	4.3%	4.3%
Walk	18.9%	18.2%	18.2%	18.0%	18.1%	18.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<b><i>Home-Based College</i></b>						
Vehicle Driver	58.1%	59.8%	59.3%	58.5%	57.9%	57.3%
Vehicle Passenger	15.5%	16.3%	16.9%	17.3%	17.7%	17.9%
Transit	14.9%	10.4%	10.1%	10.3%	10.3%	10.6%
Bicycle	3.9%	5.4%	5.4%	5.4%	5.5%	5.6%
Walk	7.7%	8.2%	8.3%	8.5%	8.6%	8.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Table 18 (continued)**

**Share of Bay Area Regional Trips by Trip Purpose and Travel Mode, 1990-2030**

Trip Purpose Travel Mode	Base Year 1990	Base Year 2000	Year 2006	Year 2015	Year 2025	Year 2030
<b><i>Home-Based School, TOTAL</i></b>						
Vehicle Driver	18.5%	17.8%	16.9%	16.1%	16.6%	16.6%
Vehicle Passenger	49.4%	52.3%	53.0%	52.0%	52.5%	53.1%
Transit	11.9%	7.5%	7.2%	8.8%	8.4%	8.1%
Bicycle	3.3%	4.3%	4.3%	4.2%	4.2%	4.2%
Walk	16.8%	18.1%	18.6%	18.9%	18.3%	18.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<b><i>Grand Total, All Trip Purposes</i></b>						
Drive Alone	32.6%	33.3%	33.2%	33.4%	33.9%	33.9%
Shared Ride 2	13.1%	12.1%	12.4%	12.3%	12.4%	12.5%
Shared Ride 3+	7.8%	7.3%	7.6%	7.5%	7.3%	7.3%
Vehicle Driver	21.0%	20.9%	20.5%	20.4%	20.4%	20.3%
Vehicle Passenger	8.4%	10.0%	10.0%	9.6%	9.1%	9.0%
Transit	6.4%	5.6%	5.5%	6.1%	6.2%	6.3%
Bicycle	1.2%	1.5%	1.5%	1.4%	1.4%	1.4%
Walk	9.4%	9.3%	9.3%	9.3%	9.2%	9.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Table 19**  
**Average Weekday Daily Vehicle Miles of Travel by County-of-Occurrence, 2000-2030**

*Average Weekday Daily VMT*

County-of-Occurrence	2000	2006	2015	2025	2030
Alameda	31,808,900	35,854,300	39,810,100	45,452,500	48,131,300
Contra Costa	19,147,800	20,130,100	22,848,600	24,985,500	26,017,200
Marin	6,742,000	6,600,700	7,064,600	7,259,200	7,405,400
Napa	2,542,100	2,764,200	3,131,200	3,453,500	3,665,500
San Francisco	8,052,100	8,238,200	8,846,000	9,485,000	9,807,600
San Mateo	16,605,600	16,989,700	18,817,200	20,409,300	21,187,500
Santa Clara	37,212,100	39,606,300	45,459,100	51,193,000	53,652,900
Solano	10,900,500	11,424,100	15,088,300	17,281,500	19,916,300
Sonoma	10,484,300	10,486,200	11,566,000	12,521,400	12,972,800
Bay Area	143,495,400	152,093,800	172,631,100	192,040,900	202,756,500

*Share of Regional VMT*

County-of-Occurrence	2000	2006	2015	2025	2030
Alameda	22.2%	23.6%	23.1%	23.7%	23.7%
Contra Costa	13.3%	13.2%	13.2%	13.0%	12.8%
Marin	4.7%	4.3%	4.1%	3.8%	3.7%
Napa	1.8%	1.8%	1.8%	1.8%	1.8%
San Francisco	5.6%	5.4%	5.1%	4.9%	4.8%
San Mateo	11.6%	11.2%	10.9%	10.6%	10.4%
Santa Clara	25.9%	26.0%	26.3%	26.7%	26.5%
Solano	7.6%	7.5%	8.7%	9.0%	9.8%
Sonoma	7.3%	6.9%	6.7%	6.5%	6.4%
Bay Area	100.0%	100.0%	100.0%	100.0%	100.0%

Notes:

1. VMT includes all components of travel, including intra-regional, inter-regional, and intra-zonal.
2. Inter-regional VMT is the travel between the Bay Area and neighboring counties, on Bay Area roads.
3. Intra-zonal VMT is the travel starting and ending within each of the Bay Area neighborhoods (zones).
4. Intra-regional VMT is the inter-zonal (between zone) travel starting and ending within the Bay Area.
5. VMT is not adjusted to match the California Air Resources Board's control totals for the Bay Area.

**Table 20****Average Weekday Daily Vehicle Hours of Delay by County-of-Occurrence, 2000-2030*****Average Weekday Daily VHD***

County-of-Occurrence	2000	2006	2015	2025	2030
Alameda	77,300	108,800	164,900	265,600	312,400
Contra Costa	49,300	59,000	90,000	102,900	112,900
Marin	26,300	37,000	37,600	39,000	41,200
Napa	3,200	3,900	5,100	8,300	10,200
San Francisco	18,200	21,900	32,000	45,900	53,600
San Mateo	35,900	32,900	45,600	66,200	80,100
Santa Clara	100,200	106,800	144,000	196,400	226,300
Solano	19,000	30,600	55,600	85,300	112,300
Sonoma	26,300	32,300	34,600	40,600	44,300
Bay Area	355,700	433,200	609,400	850,200	993,300

***Share of Regional VHD***

County-of-Occurrence	2000	2006	2015	2025	2030
Alameda	21.7%	25.1%	27.1%	31.2%	31.5%
Contra Costa	13.9%	13.6%	14.8%	12.1%	11.4%
Marin	7.4%	8.5%	6.2%	4.6%	4.1%
Napa	0.9%	0.9%	0.8%	1.0%	1.0%
San Francisco	5.1%	5.1%	5.3%	5.4%	5.4%
San Mateo	10.1%	7.6%	7.5%	7.8%	8.1%
Santa Clara	28.2%	24.7%	23.6%	23.1%	22.8%
Solano	5.3%	7.1%	9.1%	10.0%	11.3%
Sonoma	7.4%	7.5%	5.7%	4.8%	4.5%
Bay Area	100.0%	100.0%	100.0%	100.0%	100.0%

## Notes:

1. Vehicle hours of delay is an estimate based on AM peak travel times, less free-flow travel times, and applied to peak period volumes. Peak period volumes are the combined 3-hour AM plus the 3-hour PM peak periods.

**Table 21**  
**Transit Operator Ridership, 2000-2030**

*Average Weekday Daily Total Boardings (Including Transfers)*

Transit Operator	2000	2006	2015	2025	2030
Muni	761,000	775,400	922,600	1,000,500	1,047,000
BART	324,000	354,000	440,700	520,800	551,100
A.C. Transit	210,800	241,700	325,500	364,000	383,600
Santa Clara Valley Transit	190,700	168,300	250,700	297,500	327,000
SamTrans	63,500	44,400	52,000	59,300	62,700
Golden Gate Transit	40,500	32,300	45,400	43,600	43,500
CalTrain	27,300	29,200	45,000	53,100	59,300
Central Contra Costa Transi	16,800	17,000	21,300	24,300	26,000
Other Operators	79,600	110,600	117,200	145,500	156,100
Bay Area Total	1,714,200	1,772,900	2,220,400	2,508,600	2,656,300

*Share of Average Weekday Daily Total Boardings (Including Transfers)*

Transit Operator	2000	2006	2015	2025	2030
Muni	44.4%	43.7%	41.6%	39.9%	39.4%
BART	18.9%	20.0%	19.8%	20.8%	20.7%
A.C. Transit	12.3%	13.6%	14.7%	14.5%	14.4%
Santa Clara Valley Transit	11.1%	9.5%	11.3%	11.9%	12.3%
SamTrans	3.7%	2.5%	2.3%	2.4%	2.4%
Golden Gate Transit	2.4%	1.8%	2.0%	1.7%	1.6%
CalTrain	1.6%	1.6%	2.0%	2.1%	2.2%
Central Contra Costa Transi	1.0%	1.0%	1.0%	1.0%	1.0%
Other Operators	4.6%	6.2%	5.3%	5.8%	5.9%
Bay Area Total	100.0%	100.0%	100.0%	100.0%	100.0%

Notes:

1. Transit boardings includes initial (revenue) boardings plus all transfers.
2. MTC estimates of transit operator ridership are based on the "financially constrained plus sales tax" alternative for the 2005 regional transportation plan.
3. Short-term decreases in transit ridership are due to the economic recession and transit service cutbacks. For example, the 2006 forecasts are based on existing (2004) transit service levels.

**Table 22**  
**Transit Operator Passenger Miles of Travel (PMT), 2000-2030**

***Average Weekday Daily Passenger Miles of Travel (PMT)***

Transit Operator	2000	2006	2015	2025	2030
Muni	1,472,200	1,565,000	1,850,200	1,997,700	2,101,500
BART	4,243,300	5,016,300	5,515,400	6,732,000	7,141,300
A.C. Transit	541,900	722,900	912,900	968,900	975,800
Santa Clara Valley Transit	748,500	645,200	889,800	1,040,800	1,132,600
SamTrans	331,300	150,400	163,900	178,000	192,300
Golden Gate Transit	522,700	445,900	536,700	457,700	437,400
CalTrain	458,100	469,200	789,900	926,200	1,060,800
Central Contra Costa Transi	51,800	52,900	71,000	78,500	84,200
Other Operators	414,100	612,900	864,800	1,200,600	1,319,500
Bay Area Total	8,783,900	9,680,700	11,594,600	13,580,400	14,445,400

***Share of Average Weekday Daily Passenger Miles of Travel (PMT)***

Transit Operator	2000	2006	2015	2025	2030
Muni	16.8%	16.2%	16.0%	14.7%	14.5%
BART	48.3%	51.8%	47.6%	49.6%	49.4%
A.C. Transit	6.2%	7.5%	7.9%	7.1%	6.8%
Santa Clara Valley Transit	8.5%	6.7%	7.7%	7.7%	7.8%
SamTrans	3.8%	1.6%	1.4%	1.3%	1.3%
Golden Gate Transit	6.0%	4.6%	4.6%	3.4%	3.0%
CalTrain	5.2%	4.8%	6.8%	6.8%	7.3%
Central Contra Costa Transi	0.6%	0.5%	0.6%	0.6%	0.6%
Other Operators	4.7%	6.3%	7.5%	8.8%	9.1%
Bay Area Total	100.0%	100.0%	100.0%	100.0%	100.0%

***Average Length per Transit Boarding (in Miles)***

Transit Operator	2000	2006	2015	2025	2030
Muni	1.93	2.02	2.01	2.00	2.01
BART	13.09	14.17	12.51	12.93	12.96
A.C. Transit	2.57	2.99	2.81	2.66	2.54
Santa Clara Valley Transit	3.92	3.83	3.55	3.50	3.46
SamTrans	5.22	3.39	3.15	3.00	3.07
Golden Gate Transit	12.91	13.79	11.81	10.50	10.05
CalTrain	16.80	16.09	17.56	17.46	17.90
Central Contra Costa Transi	3.08	3.11	3.33	3.22	3.24
Other Operators	5.20	5.54	7.38	8.25	8.45
Bay Area Total	5.12	5.46	5.22	5.41	5.44

**Table 23**  
**Transit Operator Passenger Hours of Travel (PHT), 2000-2030**

*Average Weekday Daily Passenger Hours of Travel (PHT)*

Transit Operator	2000	2006	2015	2025	2030
Muni	139,900	129,600	153,800	166,400	175,500
BART	121,200	142,200	183,000	216,500	227,700
A.C. Transit	38,000	45,800	62,000	68,900	71,800
Santa Clara Valley Transit	44,300	37,800	55,500	65,800	73,100
SamTrans	18,800	9,400	10,800	11,700	12,800
Golden Gate Transit	22,100	20,200	24,300	20,900	20,200
CalTrain	14,200	15,900	23,700	27,600	31,600
Central Contra Costa Transi	3,400	3,500	4,600	5,300	5,600
Other Operators	19,400	29,700	37,200	51,100	56,000
Bay Area Total	421,300	434,100	554,900	634,200	674,300

*Share of Average Weekday Daily Passenger Hours of Travel (PHT)*

Transit Operator	2000	2006	2015	2025	2030
Muni	33.2%	29.8%	27.7%	26.2%	26.0%
BART	28.8%	32.8%	33.0%	34.1%	33.8%
A.C. Transit	9.0%	10.5%	11.2%	10.9%	10.7%
Santa Clara Valley Transit	10.5%	8.7%	10.0%	10.4%	10.8%
SamTrans	4.5%	2.2%	1.9%	1.8%	1.9%
Golden Gate Transit	5.2%	4.7%	4.4%	3.3%	3.0%
CalTrain	3.4%	3.7%	4.3%	4.4%	4.7%
Central Contra Costa Transi	0.8%	0.8%	0.8%	0.8%	0.8%
Other Operators	4.6%	6.8%	6.7%	8.1%	8.3%
Bay Area Total	100.0%	100.0%	100.0%	100.0%	100.0%

*Average Duration per Transit Boarding (in Minutes)*

Transit Operator	2000	2006	2015	2025	2030
Muni	11.0	10.0	10.0	10.0	10.1
BART	22.4	24.1	24.9	24.9	24.8
A.C. Transit	10.8	11.4	11.4	11.4	11.2
Santa Clara Valley Transit	13.9	13.5	13.3	13.3	13.4
SamTrans	17.7	12.6	12.4	11.8	12.3
Golden Gate Transit	32.7	37.5	32.1	28.8	27.9
CalTrain	31.2	32.7	31.6	31.2	32.0
Central Contra Costa Transi	12.1	12.3	13.0	13.0	12.9
Other Operators	14.7	16.1	19.0	21.1	21.5
Bay Area Total	14.7	14.7	15.0	15.2	15.2

**Table A.1****Non-Working Households by MTC 34 Superdistrict & County, 1990-2030****MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)***Non-Working Households (Households with Zero Workers)*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	19,946	21,498	22,252	25,078	25,356	24,897	25,596	27,215	29,215
2 Richmond District	22,889	23,966	20,618	22,896	22,121	20,705	20,780	20,967	21,777
3 Mission District	24,375	24,597	23,731	23,745	23,157	22,790	24,133	26,754	30,853
4 Sunset District	13,148	13,321	12,059	11,611	11,165	10,715	10,801	11,071	11,774
5 Daly City/San Bruno	17,344	16,677	20,671	16,739	16,198	16,626	18,099	20,123	22,447
6 San Mateo/Burlingame	14,547	15,037	16,582	16,415	15,720	15,340	16,203	17,696	19,722
7 Redwood City/Menlo Park	14,988	16,198	15,707	14,929	14,457	14,503	16,060	17,893	19,827
8 Palo Alto/Los Altos	12,762	13,998	14,315	15,858	17,092	13,441	14,202	15,200	16,534
9 Sunnyvale/Mountain View	11,559	11,881	14,004	15,823	17,792	15,446	17,393	19,720	22,943
10 Saratoga/Cupertino	17,557	17,150	20,380	22,679	24,732	19,206	20,075	21,474	23,493
11 Central San Jose	17,924	18,145	18,767	21,399	23,127	21,920	23,570	26,007	29,059
12 Milpitas/East San Jose	10,699	11,206	15,572	14,991	15,160	15,181	16,475	18,236	20,445
13 South San Jose/Almaden	6,538	6,250	9,589	9,868	10,622	9,324	10,197	11,477	12,725
14 Gilroy/Morgan Hill	3,644	3,413	4,732	5,091	5,588	5,185	5,605	6,311	7,125
15 Livermore/Pleasanton	5,876	6,592	8,190	9,300	9,812	10,974	12,448	14,237	16,445
16 Fremont/Union City	9,902	9,797	14,976	13,167	12,884	14,307	16,090	18,443	20,899
17 Hayward/San Leandro	27,983	30,403	29,304	28,229	27,559	28,869	30,546	32,754	34,800
18 Oakland/Alameda	47,909	49,501	46,546	47,843	47,295	50,812	54,340	59,166	64,025
19 Berkeley/Albany	16,882	16,850	16,269	16,590	15,898	16,515	16,988	17,676	18,448
20 Richmond/El Cerrito	20,795	21,442	21,348	22,331	21,818	23,143	24,709	26,652	28,642
21 Concord/Martinez	13,022	14,544	16,766	18,344	18,245	20,034	22,046	24,477	26,806
22 Walnut Creek/Lamorinda	14,626	15,383	16,357	16,293	16,146	17,451	18,703	19,986	21,283
23 Danville/San Ramon	3,484	4,615	5,304	5,550	5,644	7,278	9,346	11,110	12,572
24 Antioch/Pittsburg	11,241	12,192	15,072	16,463	16,932	18,651	20,621	22,496	24,665
25 Vallejo/Benicia	10,551	11,509	11,807	11,701	11,531	12,345	13,174	14,223	15,189
26 Fairfield/Vacaville	10,549	13,318	15,353	16,568	17,313	19,393	21,060	22,806	24,589
27 Napa	7,273	7,643	7,641	8,105	8,340	8,665	9,171	9,194	9,439
28 St. Helena/Calistoga	4,118	3,843	3,905	3,843	3,887	3,761	3,830	3,839	3,863
29 Petaluma/Sonoma	11,698	12,279	13,307	12,362	12,192	12,706	13,633	14,643	15,588
30 Santa Rosa/Sebastopol	19,970	21,004	20,356	20,259	20,359	21,045	22,286	23,599	24,857
31 Healdsburg/Cloverdale	6,229	6,677	7,506	7,860	8,011	8,747	9,347	9,936	10,297
32 Novato	3,471	3,518	4,288	4,875	4,965	5,711	6,305	6,795	7,353
33 San Rafael	8,614	8,630	9,294	9,523	9,329	10,103	11,095	12,155	13,145
34 Mill Valley/Sausalito	7,219	7,136	8,148	8,193	7,913	8,599	9,543	10,542	11,486
Bay Area	469,332	490,213	520,716	534,521	538,360	544,388	584,470	634,873	692,330
San Francisco	80,358	83,382	78,660	83,330	81,799	79,107	81,310	86,007	93,619
San Mateo	46,879	47,912	52,960	48,083	46,375	46,469	50,362	55,712	61,996
Santa Clara	80,683	82,043	97,359	105,709	114,113	99,703	107,517	118,425	132,324
Alameda	108,552	113,143	115,285	115,129	113,448	121,477	130,412	142,276	154,617
Contra Costa	63,168	68,176	74,847	78,981	78,785	86,557	95,425	104,721	113,968
Solano	21,100	24,827	27,160	28,269	28,844	31,738	34,234	37,029	39,778
Napa	11,391	11,486	11,546	11,948	12,227	12,426	13,001	13,033	13,302
Sonoma	37,897	39,960	41,169	40,481	40,562	42,498	45,266	48,178	50,742
Marin	19,304	19,284	21,730	22,591	22,207	24,413	26,943	29,492	31,984

**Table A.2**  
**Single-Worker Households by MTC 34 Superdistrict & County, 1990-2030**  
**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

*Single-Worker Households (Households with One Worker)*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	24,580	25,515	29,616	28,204	29,331	31,453	33,135	35,559	38,764
2 Richmond District	43,968	49,480	44,461	40,823	41,502	43,291	44,661	47,185	50,690
3 Mission District	37,215	43,717	38,888	37,432	38,332	41,031	43,753	47,892	52,399
4 Sunset District	15,297	18,555	15,383	14,958	15,105	15,543	15,876	16,296	16,759
5 Daly City/San Bruno	30,037	33,804	30,165	28,011	28,586	30,702	32,573	34,209	35,386
6 San Mateo/Burlingame	29,475	34,275	30,820	28,667	29,670	32,273	34,096	35,807	37,025
7 Redwood City/Menlo Park	27,142	33,755	28,349	26,706	27,611	29,961	32,044	34,059	35,503
8 Palo Alto/Los Altos	26,189	31,277	28,218	26,584	26,409	30,176	32,240	33,847	35,556
9 Sunnyvale/Mountain View	31,788	40,734	38,068	38,696	39,468	44,658	48,585	52,354	56,356
10 Saratoga/Cupertino	41,888	56,309	46,664	44,842	44,678	49,849	52,330	54,684	56,533
11 Central San Jose	31,823	41,023	33,121	34,530	36,152	40,581	44,926	49,087	53,744
12 Milpitas/East San Jose	26,076	27,331	29,393	30,217	31,094	33,581	36,136	38,512	41,145
13 South San Jose/Almaden	21,114	23,766	24,925	24,496	24,678	26,941	28,423	29,600	30,583
14 Gilroy/Morgan Hill	7,845	9,712	9,760	10,642	11,484	12,559	13,543	14,578	15,730
15 Livermore/Pleasanton	16,977	28,452	23,083	25,959	28,373	30,630	33,379	36,321	39,741
16 Fremont/Union City	29,770	35,577	34,902	35,691	36,543	38,647	40,974	43,540	46,205
17 Hayward/San Leandro	39,612	50,099	42,570	43,316	44,037	45,460	47,333	49,038	50,707
18 Oakland/Alameda	65,165	74,379	68,212	69,235	70,788	75,024	79,014	83,102	88,068
19 Berkeley/Albany	27,875	34,593	28,457	28,434	28,850	30,328	31,674	32,803	34,027
20 Richmond/El Cerrito	29,069	32,515	31,890	33,215	34,156	36,078	38,015	39,310	40,426
21 Concord/Martinez	28,178	36,472	32,056	34,023	35,168	37,068	39,126	41,004	42,718
22 Walnut Creek/Lamorinda	20,506	29,365	22,408	23,270	24,438	25,787	26,900	27,701	28,364
23 Danville/San Ramon	11,891	17,660	16,380	18,380	19,452	21,665	23,772	25,277	26,573
24 Antioch/Pittsburg	19,631	23,966	26,945	29,768	32,232	35,197	37,970	39,904	41,695
25 Vallejo/Benicia	17,182	20,568	18,017	18,604	19,081	20,532	21,661	22,944	24,076
26 Fairfield/Vacaville	23,281	35,525	27,884	31,520	34,132	37,834	40,613	43,203	45,053
27 Napa	9,824	12,333	10,836	11,177	11,682	12,586	13,378	13,916	14,393
28 St. Helena/Calistoga	4,166	6,114	4,856	4,790	4,941	5,101	5,168	5,250	5,313
29 Petaluma/Sonoma	18,631	23,732	21,173	22,179	22,916	23,962	24,790	25,476	26,062
30 Santa Rosa/Sebastopol	23,977	30,660	28,032	29,814	31,517	33,030	34,274	35,248	36,111
31 Healdsburg/Cloverdale	8,490	12,718	9,751	10,808	11,484	11,899	12,194	12,413	12,608
32 Novato	7,238	9,701	8,051	8,551	9,019	9,634	10,040	10,281	10,477
33 San Rafael	15,181	18,872	15,710	16,195	16,646	17,163	17,578	17,852	18,046
34 Mill Valley/Sausalito	15,074	19,357	16,263	16,321	16,780	17,709	18,425	18,957	19,287
Bay Area	826,155	1,021,911	915,307	926,058	956,335	1,027,933	1,088,599	1,147,209	1,206,123
San Francisco	121,060	137,267	128,348	121,417	124,270	131,318	137,425	146,932	158,612
San Mateo	86,654	101,834	89,334	83,384	85,867	92,936	98,713	104,075	107,914
Santa Clara	186,723	230,152	210,149	210,007	213,963	238,345	256,183	272,662	289,647
Alameda	179,399	223,100	197,224	202,635	208,591	220,089	232,374	244,804	258,748
Contra Costa	109,275	139,978	129,679	138,656	145,446	155,795	165,783	173,196	179,776
Solano	40,463	56,093	45,901	50,124	53,213	58,366	62,274	66,147	69,129
Napa	13,990	18,447	15,692	15,967	16,623	17,687	18,546	19,166	19,706
Sonoma	51,098	67,110	58,956	62,801	65,917	68,891	71,258	73,137	74,781
Marin	37,493	47,930	40,024	41,067	42,445	44,506	46,043	47,090	47,810

**Table A.3**  
**Multi-Worker Households by MTC 34 Superdistrict & County, 1990-2030**  
**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

*Multi-Worker Households (Households with Two-or-More Workers)*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	13,519	12,601	16,271	17,743	18,607	19,548	20,366	21,797	22,860
2 Richmond District	28,993	23,297	37,084	40,360	41,578	42,165	41,762	41,267	39,526
3 Mission District	42,622	37,117	47,815	52,284	54,341	56,327	58,115	61,222	63,624
4 Sunset District	19,032	15,956	21,519	23,059	23,764	24,330	24,504	24,606	24,353
5 Daly City/San Bruno	44,802	43,531	45,535	53,985	55,462	56,406	56,959	56,316	54,349
6 San Mateo/Burlingame	32,474	28,839	32,998	38,764	40,285	41,303	40,924	39,632	37,407
7 Redwood City/Menlo Park	31,107	24,349	33,277	38,090	39,737	40,871	41,222	40,780	39,346
8 Palo Alto/Los Altos	27,472	22,018	25,535	27,629	27,942	30,499	31,310	31,086	30,925
9 Sunnyvale/Mountain View	36,570	31,070	36,607	40,216	42,510	46,812	49,699	50,578	50,347
10 Saratoga/Cupertino	52,508	40,638	49,798	54,040	54,896	58,451	58,079	56,321	54,554
11 Central San Jose	37,383	31,780	40,161	46,575	50,139	56,465	63,244	67,373	72,249
12 Milpitas/East San Jose	50,400	52,976	54,455	61,082	64,908	68,431	72,155	73,405	74,918
13 South San Jose/Almaden	35,967	36,103	36,806	39,765	40,805	42,065	41,964	40,770	39,655
14 Gilroy/Morgan Hill	12,475	12,120	14,992	18,234	20,073	21,301	22,197	22,704	23,426
15 Livermore/Pleasanton	25,072	17,793	29,214	34,989	39,012	40,007	41,481	42,882	45,274
16 Fremont/Union City	47,917	45,411	49,632	55,486	57,895	58,290	58,524	58,558	59,140
17 Hayward/San Leandro	45,183	34,530	50,736	55,106	57,251	58,048	58,946	58,980	59,513
18 Oakland/Alameda	51,746	41,279	57,291	59,378	62,064	63,260	64,948	66,642	69,749
19 Berkeley/Albany	21,649	15,317	23,983	24,817	25,910	26,513	27,414	28,060	28,881
20 Richmond/El Cerrito	30,275	28,908	32,254	33,787	35,830	37,246	38,367	37,901	37,609
21 Concord/Martinez	35,195	29,030	35,005	36,160	38,253	38,164	38,544	38,273	38,315
22 Walnut Creek/Lamorinda	20,604	12,880	20,345	21,857	23,172	22,682	22,430	21,872	21,458
23 Danville/San Ramon	16,790	15,506	19,787	22,028	23,475	23,345	22,890	22,334	22,294
24 Antioch/Pittsburg	24,981	25,761	32,212	37,848	41,983	44,755	46,606	46,612	46,464
25 Vallejo/Benicia	19,916	16,674	21,137	23,846	25,236	26,730	27,143	27,550	28,211
26 Fairfield/Vacaville	31,573	24,138	36,205	43,383	48,125	52,396	54,551	55,725	56,252
27 Napa	11,034	10,097	12,732	14,755	15,739	16,662	17,252	17,444	17,496
28 St. Helena/Calistoga	4,897	4,019	5,432	6,328	6,642	6,787	6,772	6,748	6,728
29 Petaluma/Sonoma	22,434	20,884	25,968	30,797	32,428	32,509	32,052	31,283	30,693
30 Santa Rosa/Sebastopol	28,138	25,309	34,050	38,354	41,838	43,078	43,268	42,774	42,529
31 Healdsburg/Cloverdale	9,444	7,729	12,260	14,340	15,540	15,380	15,057	14,629	14,412
32 Novato	10,103	7,907	8,837	8,742	9,391	9,448	9,376	9,175	8,901
33 San Rafael	16,394	13,872	16,523	16,873	17,753	17,254	16,408	15,495	14,711
34 Mill Valley/Sausalito	11,712	8,126	13,536	14,195	14,790	14,157	13,338	12,536	11,970
<b>Bay Area</b>	<b>950,381</b>	<b>817,565</b>	<b>1,029,992</b>	<b>1,144,895</b>	<b>1,207,374</b>	<b>1,251,685</b>	<b>1,277,867</b>	<b>1,283,330</b>	<b>1,288,139</b>
San Francisco	104,166	88,971	122,689	133,446	138,290	142,370	144,747	148,892	150,363
San Mateo	108,383	96,719	111,810	130,839	135,484	138,580	139,105	136,728	131,102
Santa Clara	252,775	226,705	258,354	287,541	301,273	324,024	338,648	342,237	346,074
Alameda	191,567	154,330	210,856	229,776	242,132	246,118	251,313	255,122	262,557
Contra Costa	127,845	112,085	139,603	151,680	162,713	166,192	168,837	166,992	166,140
Solano	51,489	40,812	57,342	67,229	73,361	79,126	81,694	83,275	84,463
Napa	15,931	14,116	18,164	21,083	22,381	23,449	24,024	24,192	24,224
Sonoma	60,016	53,922	72,278	83,491	89,806	90,967	90,377	88,686	87,634
Marin	38,209	29,905	38,896	39,810	41,934	40,859	39,122	37,206	35,582

**Table A.4**  
**Total Households by MTC 34 Superdistrict & County, 1990-2030**  
**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

*Total Households*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	58,045	59,614	68,139	71,025	73,294	75,898	79,097	84,571	90,839
2 Richmond District	95,850	96,743	102,163	104,079	105,201	106,161	107,203	109,419	111,993
3 Mission District	104,212	105,431	110,434	113,461	115,830	120,148	126,001	135,868	146,876
4 Sunset District	47,477	47,832	48,961	49,628	50,034	50,588	51,181	51,973	52,886
5 Daly City/San Bruno	92,183	94,012	96,371	98,735	100,246	103,734	107,631	110,648	112,182
6 San Mateo/Burlingame	76,496	78,151	80,400	83,846	85,675	88,916	91,223	93,135	94,154
7 Redwood City/Menlo Park	73,237	74,302	77,333	79,725	81,805	85,335	89,326	92,732	94,676
8 Palo Alto/Los Altos	66,423	67,293	68,068	70,071	71,443	74,116	77,752	80,133	83,015
9 Sunnyvale/Mountain View	79,917	83,685	88,679	94,735	99,770	106,916	115,677	122,652	129,646
10 Saratoga/Cupertino	111,953	114,097	116,842	121,561	124,306	127,506	130,484	132,479	134,580
11 Central San Jose	87,130	90,948	92,049	102,504	109,418	118,966	131,740	142,467	155,052
12 Milpitas/East San Jose	87,175	91,513	99,420	106,290	111,162	117,193	124,766	130,153	136,508
13 South San Jose/Almaden	63,619	66,119	71,320	74,129	76,105	78,330	80,584	81,847	82,963
14 Gilroy/Morgan Hill	23,964	25,245	29,484	33,967	37,145	39,045	41,345	43,593	46,281
15 Livermore/Pleasanton	47,925	52,837	60,487	70,248	77,197	81,611	87,308	93,440	101,460
16 Fremont/Union City	87,589	90,785	99,510	104,344	107,322	111,244	115,588	120,541	126,244
17 Hayward/San Leandro	112,778	115,032	122,610	126,651	128,847	132,377	136,825	140,772	145,020
18 Oakland/Alameda	164,820	165,159	172,049	176,456	180,147	189,096	198,302	208,910	221,842
19 Berkeley/Albany	66,406	66,760	68,709	69,841	70,658	73,356	76,076	78,539	81,356
20 Richmond/El Cerrito	80,139	82,865	85,492	89,333	91,804	96,467	101,091	103,863	106,677
21 Concord/Martinez	76,395	80,046	83,827	88,527	91,666	95,266	99,716	103,754	107,839
22 Walnut Creek/Lamorinda	55,736	57,628	59,110	61,420	63,756	65,920	68,033	69,559	71,105
23 Danville/San Ramon	32,165	37,781	41,471	45,958	48,571	52,288	56,008	58,721	61,439
24 Antioch/Pittsburg	55,853	61,919	74,229	84,079	91,147	98,603	105,197	109,012	112,824
25 Vallejo/Benicia	47,649	48,751	50,961	54,151	55,848	59,607	61,978	64,717	67,476
26 Fairfield/Vacaville	65,403	72,981	79,442	91,471	99,570	109,623	116,224	121,734	125,894
27 Napa	28,131	30,073	31,209	34,037	35,761	37,913	39,801	40,554	41,328
28 St. Helena/Calistoga	13,181	13,976	14,193	14,961	15,470	15,649	15,770	15,837	15,904
29 Petaluma/Sonoma	52,763	56,895	60,448	65,338	67,536	69,177	70,475	71,402	72,343
30 Santa Rosa/Sebastopol	72,085	76,973	82,438	88,427	93,714	97,153	99,828	101,621	103,497
31 Healdsburg/Cloverdale	24,163	27,124	29,517	33,008	35,035	36,026	36,598	36,978	37,317
32 Novato	20,812	21,126	21,176	22,168	23,375	24,793	25,721	26,251	26,731
33 San Rafael	40,189	41,374	41,527	42,591	43,728	44,520	45,081	45,502	45,902
34 Mill Valley/Sausalito	34,005	34,619	37,947	38,709	39,483	40,465	41,306	42,035	42,743
Bay Area	2,245,868	2,329,689	2,466,015	2,605,474	2,702,069	2,824,006	2,950,936	3,065,412	3,186,592
San Francisco	305,584	309,620	329,697	338,193	344,359	352,795	363,482	381,831	402,594
San Mateo	241,916	246,465	254,104	262,306	267,726	277,985	288,180	296,515	301,012
Santa Clara	520,181	538,900	565,862	603,257	629,349	662,072	702,348	733,324	768,045
Alameda	479,518	490,573	523,365	547,540	564,171	587,684	614,099	642,202	675,922
Contra Costa	300,288	320,239	344,129	369,317	386,944	408,544	430,045	444,909	459,884
Solano	113,052	121,732	130,403	145,622	155,418	169,230	178,202	186,451	193,370
Napa	41,312	44,049	45,402	48,998	51,231	53,562	55,571	56,391	57,232
Sonoma	149,011	160,992	172,403	186,773	196,285	202,356	206,901	210,001	213,157
Marin	95,006	97,119	100,650	103,468	106,586	109,778	112,108	113,788	115,376

**Table A.5**  
**Share of Non-Working of Total Households by MTC 34 Superdistrict & County, 1990-2030**  
**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

*Share of Non-Working of Total Households*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	34.4%	36.1%	32.7%	35.3%	34.6%	32.8%	32.4%	32.2%	32.2%
2 Richmond District	23.9%	24.8%	20.2%	22.0%	21.0%	19.5%	19.4%	19.2%	19.4%
3 Mission District	23.4%	23.3%	21.5%	20.9%	20.0%	19.0%	19.2%	19.7%	21.0%
4 Sunset District	27.7%	27.8%	24.6%	23.4%	22.3%	21.2%	21.1%	21.3%	22.3%
5 Daly City/San Bruno	18.8%	17.7%	21.4%	17.0%	16.2%	16.0%	16.8%	18.2%	20.0%
6 San Mateo/Burlingame	19.0%	19.2%	20.6%	19.6%	18.3%	17.3%	17.8%	19.0%	20.9%
7 Redwood City/Menlo Park	20.5%	21.8%	20.3%	18.7%	17.7%	17.0%	18.0%	19.3%	20.9%
8 Palo Alto/Los Altos	19.2%	20.8%	21.0%	22.6%	23.9%	18.1%	18.3%	19.0%	19.9%
9 Sunnyvale/Mountain View	14.5%	14.2%	15.8%	16.7%	17.8%	14.4%	15.0%	16.1%	17.7%
10 Saratoga/Cupertino	15.7%	15.0%	17.4%	18.7%	19.9%	15.1%	15.4%	16.2%	17.5%
11 Central San Jose	20.6%	20.0%	20.4%	20.9%	21.1%	18.4%	17.9%	18.3%	18.7%
12 Milpitas/East San Jose	12.3%	12.2%	15.7%	14.1%	13.6%	13.0%	13.2%	14.0%	15.0%
13 South San Jose/Almaden	10.3%	9.5%	13.4%	13.3%	14.0%	11.9%	12.7%	14.0%	15.3%
14 Gilroy/Morgan Hill	15.2%	13.5%	16.0%	15.0%	15.0%	13.3%	13.6%	14.5%	15.4%
15 Livermore/Pleasanton	12.3%	12.5%	13.5%	13.2%	12.7%	13.4%	14.3%	15.2%	16.2%
16 Fremont/Union City	11.3%	10.8%	15.0%	12.6%	12.0%	12.9%	13.9%	15.3%	16.6%
17 Hayward/San Leandro	24.8%	26.4%	23.9%	22.3%	21.4%	21.8%	22.3%	23.3%	24.0%
18 Oakland/Alameda	29.1%	30.0%	27.1%	27.1%	26.3%	26.9%	27.4%	28.3%	28.9%
19 Berkeley/Albany	25.4%	25.2%	23.7%	23.8%	22.5%	22.5%	22.3%	22.5%	22.7%
20 Richmond/El Cerrito	25.9%	25.9%	25.0%	25.0%	23.8%	24.0%	24.4%	25.7%	26.8%
21 Concord/Martinez	17.0%	18.2%	20.0%	20.7%	19.9%	21.0%	22.1%	23.6%	24.9%
22 Walnut Creek/Lamorinda	26.2%	26.7%	27.7%	26.5%	25.3%	26.5%	27.5%	28.7%	29.9%
23 Danville/San Ramon	10.8%	12.2%	12.8%	12.1%	11.6%	13.9%	16.7%	18.9%	20.5%
24 Antioch/Pittsburg	20.1%	19.7%	20.3%	19.6%	18.6%	18.9%	19.6%	20.6%	21.9%
25 Vallejo/Benicia	22.1%	23.6%	23.2%	21.6%	20.6%	20.7%	21.3%	22.0%	22.5%
26 Fairfield/Vacaville	16.1%	18.2%	19.3%	18.1%	17.4%	17.7%	18.1%	18.7%	19.5%
27 Napa	25.9%	25.4%	24.5%	23.8%	23.3%	22.9%	23.0%	22.7%	22.8%
28 St. Helena/Calistoga	31.2%	27.5%	27.5%	25.7%	25.1%	24.0%	24.3%	24.2%	24.3%
29 Petaluma/Sonoma	22.2%	21.6%	22.0%	18.9%	18.1%	18.4%	19.3%	20.5%	21.5%
30 Santa Rosa/Sebastopol	27.7%	27.3%	24.7%	22.9%	21.7%	21.7%	22.3%	23.2%	24.0%
31 Healdsburg/Cloverdale	25.8%	24.6%	25.4%	23.8%	22.9%	24.3%	25.5%	26.9%	27.6%
32 Novato	16.7%	16.7%	20.2%	22.0%	21.2%	23.0%	24.5%	25.9%	27.5%
33 San Rafael	21.4%	20.9%	22.4%	22.4%	21.3%	22.7%	24.6%	26.7%	28.6%
34 Mill Valley/Sausalito	21.2%	20.6%	21.5%	21.2%	20.0%	21.3%	23.1%	25.1%	26.9%
Bay Area	20.9%	21.0%	21.1%	20.5%	19.9%	19.3%	19.8%	20.7%	21.7%
San Francisco	26.3%	26.9%	23.9%	24.6%	23.8%	22.4%	22.4%	22.5%	23.3%
San Mateo	19.4%	19.4%	20.8%	18.3%	17.3%	16.7%	17.5%	18.8%	20.6%
Santa Clara	15.5%	15.2%	17.2%	17.5%	18.1%	15.1%	15.3%	16.1%	17.2%
Alameda	22.6%	23.1%	22.0%	21.0%	20.1%	20.7%	21.2%	22.2%	22.9%
Contra Costa	21.0%	21.3%	21.7%	21.4%	20.4%	21.2%	22.2%	23.5%	24.8%
Solano	18.7%	20.4%	20.8%	19.4%	18.6%	18.8%	19.2%	19.9%	20.6%
Napa	27.6%	26.1%	25.4%	24.4%	23.9%	23.2%	23.4%	23.1%	23.2%
Sonoma	25.4%	24.8%	23.9%	21.7%	20.7%	21.0%	21.9%	22.9%	23.8%
Marin	20.3%	19.9%	21.6%	21.8%	20.8%	22.2%	24.0%	25.9%	27.7%

**Table A.6****Share of Single-Worker of Total Households by MTC 34 Superdistrict & County, 1990-2030  
MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)***Share of Single Worker Households of Total Households*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	42.3%	42.8%	43.5%	39.7%	40.0%	41.4%	41.9%	42.0%	42.7%
2 Richmond District	45.9%	51.1%	43.5%	39.2%	39.5%	40.8%	41.7%	43.1%	45.3%
3 Mission District	35.7%	41.5%	35.2%	33.0%	33.1%	34.2%	34.7%	35.2%	35.7%
4 Sunset District	32.2%	38.8%	31.4%	30.1%	30.2%	30.7%	31.0%	31.4%	31.7%
5 Daly City/San Bruno	32.6%	36.0%	31.3%	28.4%	28.5%	29.6%	30.3%	30.9%	31.5%
6 San Mateo/Burlingame	38.5%	43.9%	38.3%	34.2%	34.6%	36.3%	37.4%	38.4%	39.3%
7 Redwood City/Menlo Park	37.1%	45.4%	36.7%	33.5%	33.8%	35.1%	35.9%	36.7%	37.5%
8 Palo Alto/Los Altos	39.4%	46.5%	41.5%	37.9%	37.0%	40.7%	41.5%	42.2%	42.8%
9 Sunnyvale/Mountain View	39.8%	48.7%	42.9%	40.8%	39.6%	41.8%	42.0%	42.7%	43.5%
10 Saratoga/Cupertino	37.4%	49.4%	39.9%	36.9%	35.9%	39.1%	40.1%	41.3%	42.0%
11 Central San Jose	36.5%	45.1%	36.0%	33.7%	33.0%	34.1%	34.1%	34.5%	34.7%
12 Milpitas/East San Jose	29.9%	29.9%	29.6%	28.4%	28.0%	28.7%	29.0%	29.6%	30.1%
13 South San Jose/Almaden	33.2%	35.9%	34.9%	33.0%	32.4%	34.4%	35.3%	36.2%	36.9%
14 Gilroy/Morgan Hill	32.7%	38.5%	33.1%	31.3%	30.9%	32.2%	32.8%	33.4%	34.0%
15 Livermore/Pleasanton	35.4%	53.8%	38.2%	37.0%	36.8%	37.5%	38.2%	38.9%	39.2%
16 Fremont/Union City	34.0%	39.2%	35.1%	34.2%	34.0%	34.7%	35.4%	36.1%	36.6%
17 Hayward/San Leandro	35.1%	43.6%	34.7%	34.2%	34.2%	34.3%	34.6%	34.8%	35.0%
18 Oakland/Alameda	39.5%	45.0%	39.6%	39.2%	39.3%	39.7%	39.8%	39.8%	39.7%
19 Berkeley/Albany	42.0%	51.8%	41.4%	40.7%	40.8%	41.3%	41.6%	41.8%	41.8%
20 Richmond/El Cerrito	36.3%	39.2%	37.3%	37.2%	37.2%	37.4%	37.6%	37.8%	37.9%
21 Concord/Martinez	36.9%	45.6%	38.2%	38.4%	38.4%	38.9%	39.2%	39.5%	39.6%
22 Walnut Creek/Lamorinda	36.8%	51.0%	37.9%	37.9%	38.3%	39.1%	39.5%	39.8%	39.9%
23 Danville/San Ramon	37.0%	46.7%	39.5%	40.0%	40.0%	41.4%	42.4%	43.0%	43.3%
24 Antioch/Pittsburg	35.1%	38.7%	36.3%	35.4%	35.4%	35.7%	36.1%	36.6%	37.0%
25 Vallejo/Benicia	36.1%	42.2%	35.4%	34.4%	34.2%	34.4%	34.9%	35.5%	35.7%
26 Fairfield/Vacaville	35.6%	48.7%	35.1%	34.5%	34.3%	34.5%	34.9%	35.5%	35.8%
27 Napa	34.9%	41.0%	34.7%	32.8%	32.7%	33.2%	33.6%	34.3%	34.8%
28 St. Helena/Calistoga	31.6%	43.7%	34.2%	32.0%	31.9%	32.6%	32.8%	33.2%	33.4%
29 Petaluma/Sonoma	35.3%	41.7%	35.0%	33.9%	33.9%	34.6%	35.2%	35.7%	36.0%
30 Santa Rosa/Sebastopol	33.3%	39.8%	34.0%	33.7%	33.6%	34.0%	34.3%	34.7%	34.9%
31 Healdsburg/Cloverdale	35.1%	46.9%	33.0%	32.7%	32.8%	33.0%	33.3%	33.6%	33.8%
32 Novato	34.8%	45.9%	38.0%	38.6%	38.6%	38.9%	39.0%	39.2%	39.2%
33 San Rafael	37.8%	45.6%	37.8%	38.0%	38.1%	38.6%	39.0%	39.2%	39.3%
34 Mill Valley/Sausalito	44.3%	55.9%	42.9%	42.2%	42.5%	43.8%	44.6%	45.1%	45.1%
Bay Area	36.8%	43.9%	37.1%	35.5%	35.4%	36.4%	36.9%	37.4%	37.8%
San Francisco	39.6%	44.3%	38.9%	35.9%	36.1%	37.2%	37.8%	38.5%	39.4%
San Mateo	35.8%	41.3%	35.2%	31.8%	32.1%	33.4%	34.3%	35.1%	35.9%
Santa Clara	35.9%	42.7%	37.1%	34.8%	34.0%	36.0%	36.5%	37.2%	37.7%
Alameda	37.4%	45.5%	37.7%	37.0%	37.0%	37.5%	37.8%	38.1%	38.3%
Contra Costa	36.4%	43.7%	37.7%	37.5%	37.6%	38.1%	38.6%	38.9%	39.1%
Solano	35.8%	46.1%	35.2%	34.4%	34.2%	34.5%	34.9%	35.5%	35.7%
Napa	33.9%	41.9%	34.6%	32.6%	32.4%	33.0%	33.4%	34.0%	34.4%
Sonoma	34.3%	41.7%	34.2%	33.6%	33.6%	34.0%	34.4%	34.8%	35.1%
Marin	39.5%	49.4%	39.8%	39.7%	39.8%	40.5%	41.1%	41.4%	41.4%

**Table A.7**

**Share of Multi-Worker of Total Households by MTC 34 Superdistrict & County, 1990-2030**  
**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

*Share of Multi-Worker Households of Total Households*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	23.3%	21.1%	23.9%	25.0%	25.4%	25.8%	25.7%	25.8%	25.2%
2 Richmond District	30.2%	24.1%	36.3%	38.8%	39.5%	39.7%	39.0%	37.7%	35.3%
3 Mission District	40.9%	35.2%	43.3%	46.1%	46.9%	46.9%	46.1%	45.1%	43.3%
4 Sunset District	40.1%	33.4%	44.0%	46.5%	47.5%	48.1%	47.9%	47.3%	46.0%
5 Daly City/San Bruno	48.6%	46.3%	47.2%	54.7%	55.3%	54.4%	52.9%	50.9%	48.4%
6 San Mateo/Burlingame	42.5%	36.9%	41.0%	46.2%	47.0%	46.5%	44.9%	42.6%	39.7%
7 Redwood City/Menlo Park	42.5%	32.8%	43.0%	47.8%	48.6%	47.9%	46.1%	44.0%	41.6%
8 Palo Alto/Los Altos	41.4%	32.7%	37.5%	39.4%	39.1%	41.2%	40.3%	38.8%	37.3%
9 Sunnyvale/Mountain View	45.8%	37.1%	41.3%	42.5%	42.6%	43.8%	43.0%	41.2%	38.8%
10 Saratoga/Cupertino	46.9%	35.6%	42.6%	44.5%	44.2%	45.8%	44.5%	42.5%	40.5%
11 Central San Jose	42.9%	34.9%	43.6%	45.4%	45.8%	47.5%	48.0%	47.3%	46.6%
12 Milpitas/East San Jose	57.8%	57.9%	54.8%	57.5%	58.4%	58.4%	57.8%	56.4%	54.9%
13 South San Jose/Almaden	56.5%	54.6%	51.6%	53.6%	53.6%	53.7%	52.1%	49.8%	47.8%
14 Gilroy/Morgan Hill	52.1%	48.0%	50.8%	53.7%	54.0%	54.6%	53.7%	52.1%	50.6%
15 Livermore/Pleasanton	52.3%	33.7%	48.3%	49.8%	50.5%	49.0%	47.5%	45.9%	44.6%
16 Fremont/Union City	54.7%	50.0%	49.9%	53.2%	53.9%	52.4%	50.6%	48.6%	46.8%
17 Hayward/San Leandro	40.1%	30.0%	41.4%	43.5%	44.4%	43.9%	43.1%	41.9%	41.0%
18 Oakland/Alameda	31.4%	25.0%	33.3%	33.7%	34.5%	33.5%	32.8%	31.9%	31.4%
19 Berkeley/Albany	32.6%	22.9%	34.9%	35.5%	36.7%	36.1%	36.0%	35.7%	35.5%
20 Richmond/El Cerrito	37.8%	34.9%	37.7%	37.8%	39.0%	38.6%	38.0%	36.5%	35.3%
21 Concord/Martinez	46.1%	36.3%	41.8%	40.8%	41.7%	40.1%	38.7%	36.9%	35.5%
22 Walnut Creek/Lamorinda	37.0%	22.4%	34.4%	35.6%	36.3%	34.4%	33.0%	31.4%	30.2%
23 Danville/San Ramon	52.2%	41.0%	47.7%	47.9%	48.3%	44.6%	40.9%	38.0%	36.3%
24 Antioch/Pittsburg	44.7%	41.6%	43.4%	45.0%	46.1%	45.4%	44.3%	42.8%	41.2%
25 Vallejo/Benicia	41.8%	34.2%	41.5%	44.0%	45.2%	44.8%	43.8%	42.6%	41.8%
26 Fairfield/Vacaville	48.3%	33.1%	45.6%	47.4%	48.3%	47.8%	46.9%	45.8%	44.7%
27 Napa	39.2%	33.6%	40.8%	43.3%	44.0%	43.9%	43.3%	43.0%	42.3%
28 St. Helena/Calistoga	37.2%	28.8%	38.3%	42.3%	42.9%	43.4%	42.9%	42.6%	42.3%
29 Petaluma/Sonoma	42.5%	36.7%	43.0%	47.1%	48.0%	47.0%	45.5%	43.8%	42.4%
30 Santa Rosa/Sebastopol	39.0%	32.9%	41.3%	43.4%	44.6%	44.3%	43.3%	42.1%	41.1%
31 Healdsburg/Cloverdale	39.1%	28.5%	41.5%	43.4%	44.4%	42.7%	41.1%	39.6%	38.6%
32 Novato	48.5%	37.4%	41.7%	39.4%	40.2%	38.1%	36.5%	35.0%	33.3%
33 San Rafael	40.8%	33.5%	39.8%	39.6%	40.6%	38.8%	36.4%	34.1%	32.0%
34 Mill Valley/Sausalito	34.4%	23.5%	35.7%	36.7%	37.5%	35.0%	32.3%	29.8%	28.0%
Bay Area	42.3%	35.1%	41.8%	43.9%	44.7%	44.3%	43.3%	41.9%	40.4%
San Francisco	34.1%	28.7%	37.2%	39.5%	40.2%	40.4%	39.8%	39.0%	37.3%
San Mateo	44.8%	39.2%	44.0%	49.9%	50.6%	49.9%	48.3%	46.1%	43.6%
Santa Clara	48.6%	42.1%	45.7%	47.7%	47.9%	48.9%	48.2%	46.7%	45.1%
Alameda	39.9%	31.5%	40.3%	42.0%	42.9%	41.9%	40.9%	39.7%	38.8%
Contra Costa	42.6%	35.0%	40.6%	41.1%	42.1%	40.7%	39.3%	37.5%	36.1%
Solano	45.5%	33.5%	44.0%	46.2%	47.2%	46.8%	45.8%	44.7%	43.7%
Napa	38.6%	32.0%	40.0%	43.0%	43.7%	43.8%	43.2%	42.9%	42.3%
Sonoma	40.3%	33.5%	41.9%	44.7%	45.8%	45.0%	43.7%	42.2%	41.1%
Marin	40.2%	30.8%	38.6%	38.5%	39.3%	37.2%	34.9%	32.7%	30.8%

**Table A.8**  
**Zero Vehicle Households by MTC 34 Superdistrict & County, 1990-2030**  
**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

*Zero Vehicle Households*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	35,304	37,133	40,154	41,715	43,326	44,740	46,377	49,294	52,702
2 Richmond District	26,750	28,436	23,892	23,040	23,524	23,748	24,210	25,124	26,308
3 Mission District	23,438	24,014	20,814	20,180	20,721	21,699	23,158	25,954	29,455
4 Sunset District	7,202	7,370	6,165	5,988	5,914	5,770	5,744	5,778	5,891
5 Daly City/San Bruno	6,203	6,093	6,660	4,500	4,562	4,910	5,363	5,812	6,168
6 San Mateo/Burlingame	4,165	4,366	4,628	3,271	3,361	3,595	3,791	3,996	4,153
7 Redwood City/Menlo Park	4,076	4,410	4,832	3,579	3,748	4,071	4,645	5,150	5,460
8 Palo Alto/Los Altos	3,438	3,750	3,935	3,478	3,644	3,613	3,969	4,105	4,337
9 Sunnyvale/Mountain View	3,507	3,566	4,989	4,985	5,484	5,862	6,674	7,498	8,558
10 Saratoga/Cupertino	4,411	4,020	5,375	4,734	4,934	4,675	4,680	4,673	4,701
11 Central San Jose	8,477	8,948	8,566	10,467	11,718	13,016	15,041	17,107	19,439
12 Milpitas/East San Jose	3,963	4,423	5,488	5,429	5,697	6,021	6,481	6,937	7,506
13 South San Jose/Almaden	1,936	1,901	3,041	2,562	2,591	2,555	2,631	2,706	2,704
14 Gilroy/Morgan Hill	1,005	893	1,449	1,373	1,439	1,366	1,414	1,469	1,568
15 Livermore/Pleasanton	1,338	1,241	2,043	1,857	1,935	2,004	2,145	2,252	2,481
16 Fremont/Union City	2,744	2,678	4,646	4,075	4,096	4,361	4,662	5,034	5,534
17 Hayward/San Leandro	8,786	9,501	9,669	9,823	9,955	10,236	10,713	11,269	11,740
18 Oakland/Alameda	32,916	34,987	30,825	32,923	33,988	36,965	39,744	43,661	48,447
19 Berkeley/Albany	11,509	11,897	10,969	11,151	11,120	11,489	11,842	12,133	12,410
20 Richmond/El Cerrito	8,115	8,541	8,659	8,881	8,757	8,804	8,896	8,920	8,994
21 Concord/Martinez	3,718	3,920	5,719	6,025	6,036	6,240	6,359	6,461	6,567
22 Walnut Creek/Lamorinda	2,722	2,488	3,397	3,321	3,436	3,615	3,764	3,874	4,024
23 Danville/San Ramon	322	389	924	904	967	1,209	1,543	1,785	2,050
24 Antioch/Pittsburg	3,639	3,859	4,290	4,320	4,421	4,658	4,863	4,878	4,974
25 Vallejo/Benicia	3,499	3,855	3,981	4,129	4,274	4,486	4,732	5,070	5,381
26 Fairfield/Vacaville	2,687	3,426	4,453	4,808	4,994	5,484	5,728	5,857	5,886
27 Napa	1,862	1,878	2,074	1,983	2,055	2,112	2,168	2,080	2,045
28 St. Helena/Calistoga	812	751	633	522	508	477	464	440	417
29 Petaluma/Sonoma	2,764	2,860	3,382	2,706	2,514	2,295	2,156	2,027	1,918
30 Santa Rosa/Sebastopol	4,956	5,316	5,093	4,736	4,611	4,356	4,258	4,120	4,003
31 Healdsburg/Cloverdale	1,102	1,085	1,403	1,420	1,467	1,449	1,410	1,366	1,302
32 Novato	898	823	1,072	1,092	1,068	1,083	1,032	949	893
33 San Rafael	2,252	2,261	2,462	2,423	2,406	2,377	2,323	2,277	2,214
34 Mill Valley/Sausalito	1,548	1,383	1,550	1,172	1,141	1,141	1,153	1,150	1,139
<b>Bay Area</b>	<b>232,064</b>	<b>242,462</b>	<b>247,232</b>	<b>243,572</b>	<b>250,412</b>	<b>260,482</b>	<b>274,133</b>	<b>291,206</b>	<b>311,369</b>
San Francisco	92,694	96,953	91,025	90,923	93,485	95,957	99,489	106,150	114,356
San Mateo	14,444	14,869	16,120	11,350	11,671	12,576	13,799	14,958	15,781
Santa Clara	26,737	27,501	32,843	33,028	35,507	37,108	40,890	44,495	48,813
Alameda	57,293	60,304	58,152	59,829	61,094	65,055	69,106	74,349	80,612
Contra Costa	18,516	19,197	22,989	23,451	23,617	24,526	25,425	25,918	26,609
Solano	6,186	7,281	8,434	8,937	9,268	9,970	10,460	10,927	11,267
Napa	2,674	2,629	2,707	2,505	2,563	2,589	2,632	2,520	2,462
Sonoma	8,822	9,261	9,878	8,862	8,592	8,100	7,824	7,513	7,223
Marin	4,698	4,467	5,084	4,687	4,615	4,601	4,508	4,376	4,246

**Table A.9**  
**Single-Vehicle Households by MTC 34 Superdistrict & County, 1990-2030**  
**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

*Single-Vehicle Households*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	17,086	17,003	21,699	21,958	22,497	23,362	24,431	26,021	27,691
2 Richmond District	45,900	46,136	50,243	49,642	50,161	50,803	51,534	52,804	54,458
3 Mission District	44,171	44,894	47,559	47,087	48,000	49,962	52,590	56,648	60,959
4 Sunset District	20,018	20,330	20,531	20,268	20,297	20,333	20,507	20,819	21,255
5 Daly City/San Bruno	29,712	29,170	30,741	24,620	25,005	26,433	28,190	29,812	31,015
6 San Mateo/Burlingame	24,784	25,905	27,121	22,475	23,034	24,373	25,639	27,017	28,117
7 Redwood City/Menlo Park	22,664	24,408	23,847	20,075	20,688	22,035	23,850	25,547	26,725
8 Palo Alto/Los Altos	23,020	24,099	23,807	21,905	22,420	23,298	25,026	26,250	27,846
9 Sunnyvale/Mountain View	28,094	31,009	33,334	33,686	35,498	38,725	42,791	46,542	50,748
10 Saratoga/Cupertino	28,870	29,927	33,476	30,546	31,154	31,564	32,511	33,292	34,204
11 Central San Jose	28,943	30,852	31,202	33,334	35,891	38,986	43,156	46,972	51,587
12 Milpitas/East San Jose	19,107	18,722	20,199	19,570	20,214	21,461	23,187	24,586	26,338
13 South San Jose/Almaden	12,161	11,925	15,853	13,958	14,276	14,636	15,282	15,726	16,172
14 Gilroy/Morgan Hill	5,259	4,965	6,810	6,699	7,168	7,273	7,663	8,117	8,665
15 Livermore/Pleasanton	10,352	11,907	14,752	14,908	15,979	16,943	18,257	19,612	21,357
16 Fremont/Union City	19,766	19,654	24,498	22,068	22,399	23,550	24,883	26,471	28,415
17 Hayward/San Leandro	36,526	39,187	39,858	39,235	39,539	40,396	41,831	43,228	44,459
18 Oakland/Alameda	66,394	68,613	71,126	70,865	71,698	75,220	78,486	81,899	85,685
19 Berkeley/Albany	29,748	31,244	31,787	31,422	31,550	32,862	34,077	35,207	36,562
20 Richmond/El Cerrito	26,828	27,435	30,651	31,318	31,627	32,737	33,933	34,869	35,616
21 Concord/Martinez	22,262	23,973	26,587	27,659	28,191	29,341	30,510	31,707	32,769
22 Walnut Creek/Lamorinda	17,540	18,624	19,900	19,318	19,939	20,909	21,732	22,426	23,086
23 Danville/San Ramon	5,480	6,896	8,035	7,878	8,388	9,758	11,558	12,837	13,986
24 Antioch/Pittsburg	14,492	15,658	19,442	20,048	21,051	22,420	23,687	24,299	24,861
25 Vallejo/Benicia	14,511	15,341	15,696	15,225	15,444	16,237	16,872	17,732	18,528
26 Fairfield/Vacaville	16,476	19,820	21,533	23,000	24,476	26,817	28,183	29,265	29,841
27 Napa	8,149	8,537	10,200	10,013	10,394	10,826	11,258	11,259	11,326
28 St. Helena/Calistoga	4,358	4,398	4,813	4,297	4,348	4,266	4,206	4,163	4,088
29 Petaluma/Sonoma	15,945	17,282	18,410	16,934	16,968	16,947	16,804	16,687	16,547
30 Santa Rosa/Sebastopol	23,249	24,828	27,729	27,546	28,235	28,211	28,311	28,288	28,243
31 Healdsburg/Cloverdale	6,862	7,555	9,001	9,251	9,584	9,718	9,663	9,627	9,453
32 Novato	5,584	5,842	6,422	6,750	6,949	7,350	7,450	7,358	7,315
33 San Rafael	12,955	13,142	14,725	14,721	14,872	14,955	15,056	15,076	15,081
34 Mill Valley/Sausalito	12,930	13,266	14,651	13,097	13,109	13,470	13,798	14,025	14,179
Bay Area	720,196	752,547	816,238	791,376	811,043	846,177	886,912	926,188	967,177
San Francisco	127,175	128,363	140,032	138,955	140,955	144,460	149,062	156,292	164,363
San Mateo	77,160	79,483	81,709	67,170	68,727	72,841	77,679	82,376	85,857
Santa Clara	145,454	151,499	164,681	159,698	166,621	175,943	189,616	201,485	215,560
Alameda	162,786	170,605	182,021	178,498	181,165	188,971	197,534	206,417	216,478
Contra Costa	86,602	92,586	104,615	106,221	109,196	115,165	121,420	126,138	130,318
Solano	30,987	35,161	37,229	38,225	39,920	43,054	45,055	46,997	48,369
Napa	12,507	12,935	15,013	14,310	14,742	15,092	15,464	15,422	15,414
Sonoma	46,056	49,665	55,140	53,731	54,787	54,876	54,778	54,602	54,243
Marin	31,469	32,250	35,798	34,568	34,930	35,775	36,304	36,459	36,575

**Table A.10****Multi-Vehicle Households by MTC 34 Superdistrict & County, 1990-2030****MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)*****Multi-Vehicle Households (Households with Two-or-More Vehicles)***

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	5,655	5,478	6,286	7,352	7,471	7,796	8,289	9,256	10,446
2 Richmond District	23,200	22,171	28,028	31,397	31,516	31,610	31,459	31,491	31,227
3 Mission District	36,603	36,523	42,061	46,194	47,109	48,487	50,253	53,266	56,462
4 Sunset District	20,257	20,132	22,265	23,372	23,823	24,485	24,930	25,376	25,740
5 Daly City/San Bruno	56,268	58,749	58,970	69,615	70,679	72,391	74,078	75,024	74,999
6 San Mateo/Burlingame	47,547	47,880	48,651	58,100	59,280	60,948	61,793	62,122	61,884
7 Redwood City/Menlo Park	46,497	45,484	48,654	56,071	57,369	59,229	60,831	62,035	62,491
8 Palo Alto/Los Altos	39,965	39,444	40,326	44,688	45,379	47,205	48,757	49,778	50,832
9 Sunnyvale/Mountain View	48,316	49,110	50,356	56,064	58,788	62,329	66,212	68,612	70,340
10 Saratoga/Cupertino	78,672	80,150	77,991	86,281	88,218	91,267	93,293	94,514	95,675
11 Central San Jose	49,710	51,148	52,281	58,703	61,809	66,964	73,543	78,388	84,026
12 Milpitas/East San Jose	64,105	68,368	73,733	81,291	85,251	89,711	95,098	98,630	102,664
13 South San Jose/Almaden	49,522	52,293	52,426	57,609	59,238	61,139	62,671	63,415	64,087
14 Gilroy/Morgan Hill	17,700	19,387	21,225	25,895	28,538	30,406	32,268	34,007	36,048
15 Livermore/Pleasanton	36,235	39,689	43,692	53,483	59,283	62,664	66,906	71,576	77,622
16 Fremont/Union City	65,079	68,453	70,366	78,201	80,827	83,333	86,043	89,036	92,295
17 Hayward/San Leandro	67,466	66,344	73,083	77,593	79,353	81,745	84,281	86,275	88,821
18 Oakland/Alameda	65,510	61,559	70,098	72,668	74,461	76,911	80,072	83,350	87,710
19 Berkeley/Albany	25,149	23,619	25,953	27,268	27,988	29,005	30,157	31,199	32,384
20 Richmond/El Cerrito	45,196	46,889	46,182	49,134	51,420	54,926	58,262	60,074	62,067
21 Concord/Martinez	50,415	52,153	51,521	54,843	57,439	59,685	62,847	65,586	68,503
22 Walnut Creek/Lamorinda	35,474	36,516	35,813	38,781	40,381	41,396	42,537	43,259	43,995
23 Danville/San Ramon	26,363	30,496	32,512	37,176	39,216	41,321	42,907	44,099	45,403
24 Antioch/Pittsburg	37,722	42,402	50,497	59,711	65,675	71,525	76,647	79,835	82,989
25 Vallejo/Benicia	29,639	29,555	31,284	34,797	36,130	38,884	40,374	41,915	43,567
26 Fairfield/Vacaville	46,240	49,735	53,456	63,663	70,100	77,322	82,313	86,612	90,167
27 Napa	18,120	19,658	18,935	22,041	23,312	24,975	26,375	27,215	27,957
28 St. Helena/Calistoga	8,011	8,827	8,747	10,142	10,614	10,906	11,100	11,234	11,399
29 Petaluma/Sonoma	34,054	36,753	38,656	45,698	48,054	49,935	51,515	52,688	53,878
30 Santa Rosa/Sebastopol	43,880	46,829	49,616	56,145	60,868	64,586	67,259	69,213	71,251
31 Healdsburg/Cloverdale	16,199	18,484	19,113	22,337	23,984	24,859	25,525	25,985	26,562
32 Novato	14,330	14,461	13,682	14,326	15,358	16,360	17,239	17,944	18,523
33 San Rafael	24,982	25,971	24,340	25,447	26,450	27,188	27,702	28,149	28,607
34 Mill Valley/Sausalito	19,527	19,970	21,746	24,440	25,233	25,854	26,355	26,860	27,425
Bay Area	1,293,608	1,334,680	1,402,545	1,570,526	1,640,614	1,717,347	1,789,891	1,848,018	1,908,046
San Francisco	85,715	84,304	98,640	108,315	109,919	112,378	114,931	119,389	123,875
San Mateo	150,312	152,113	156,275	183,786	187,328	192,568	196,702	199,181	199,374
Santa Clara	347,990	359,900	368,338	410,531	427,221	449,021	471,842	487,344	503,672
Alameda	259,439	259,664	283,192	309,213	321,912	333,658	347,459	361,436	378,832
Contra Costa	195,170	208,456	216,525	239,645	254,131	268,853	283,200	292,853	302,957
Solano	75,879	79,290	84,740	98,460	106,230	116,206	122,687	128,527	133,734
Napa	26,131	28,485	27,682	32,183	33,926	35,881	37,475	38,449	39,356
Sonoma	94,133	102,066	107,385	124,180	132,906	139,380	144,299	147,886	151,691
Marin	58,839	60,402	59,768	64,213	67,041	69,402	71,296	72,953	74,555

**Table A.11**  
**Total Households by MTC 34 Superdistrict & County, 1990-2030**  
**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

*Total Households*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	58,045	59,614	68,139	71,025	73,294	75,898	79,097	84,571	90,839
2 Richmond District	95,850	96,743	102,163	104,079	105,201	106,161	107,203	109,419	111,993
3 Mission District	104,212	105,431	110,434	113,461	115,830	120,148	126,001	135,868	146,876
4 Sunset District	47,477	47,832	48,961	49,628	50,034	50,588	51,181	51,973	52,886
5 Daly City/San Bruno	92,183	94,012	96,371	98,735	100,246	103,734	107,631	110,648	112,182
6 San Mateo/Burlingame	76,496	78,151	80,400	83,846	85,675	88,916	91,223	93,135	94,154
7 Redwood City/Menlo Park	73,237	74,302	77,333	79,725	81,805	85,335	89,326	92,732	94,676
8 Palo Alto/Los Altos	66,423	67,293	68,068	70,071	71,443	74,116	77,752	80,133	83,015
9 Sunnyvale/Mountain View	79,917	83,685	88,679	94,735	99,770	106,916	115,677	122,652	129,646
10 Saratoga/Cupertino	111,953	114,097	116,842	121,561	124,306	127,506	130,484	132,479	134,580
11 Central San Jose	87,130	90,948	92,049	102,504	109,418	118,966	131,740	142,467	155,052
12 Milpitas/East San Jose	87,175	91,513	99,420	106,290	111,162	117,193	124,766	130,153	136,508
13 South San Jose/Almaden	63,619	66,119	71,320	74,129	76,105	78,330	80,584	81,847	82,963
14 Gilroy/Morgan Hill	23,964	25,245	29,484	33,967	37,145	39,045	41,345	43,593	46,281
15 Livermore/Pleasanton	47,925	52,837	60,487	70,248	77,197	81,611	87,308	93,440	101,460
16 Fremont/Union City	87,589	90,785	99,510	104,344	107,322	111,244	115,588	120,541	126,244
17 Hayward/San Leandro	112,778	115,032	122,610	126,651	128,847	132,377	136,825	140,772	145,020
18 Oakland/Alameda	164,820	165,159	172,049	176,456	180,147	189,096	198,302	208,910	221,842
19 Berkeley/Albany	66,406	66,760	68,709	69,841	70,658	73,356	76,076	78,539	81,356
20 Richmond/El Cerrito	80,139	82,865	85,492	89,333	91,804	96,467	101,091	103,863	106,677
21 Concord/Martinez	76,395	80,046	83,827	88,527	91,666	95,266	99,716	103,754	107,839
22 Walnut Creek/Lamorinda	55,736	57,628	59,110	61,420	63,756	65,920	68,033	69,559	71,105
23 Danville/San Ramon	32,165	37,781	41,471	45,958	48,571	52,288	56,008	58,721	61,439
24 Antioch/Pittsburg	55,853	61,919	74,229	84,079	91,147	98,603	105,197	109,012	112,824
25 Vallejo/Benicia	47,649	48,751	50,961	54,151	55,848	59,607	61,978	64,717	67,476
26 Fairfield/Vacaville	65,403	72,981	79,442	91,471	99,570	109,623	116,224	121,734	125,894
27 Napa	28,131	30,073	31,209	34,037	35,761	37,913	39,801	40,554	41,328
28 St. Helena/Calistoga	13,181	13,976	14,193	14,961	15,470	15,649	15,770	15,837	15,904
29 Petaluma/Sonoma	52,763	56,895	60,448	65,338	67,536	69,177	70,475	71,402	72,343
30 Santa Rosa/Sebastopol	72,085	76,973	82,438	88,427	93,714	97,153	99,828	101,621	103,497
31 Healdsburg/Cloverdale	24,163	27,124	29,517	33,008	35,035	36,026	36,598	36,978	37,317
32 Novato	20,812	21,126	21,176	22,168	23,375	24,793	25,721	26,251	26,731
33 San Rafael	40,189	41,374	41,527	42,591	43,728	44,520	45,081	45,502	45,902
34 Mill Valley/Sausalito	34,005	34,619	37,947	38,709	39,483	40,465	41,306	42,035	42,743
Bay Area	2,245,868	2,329,689	2,466,015	2,605,474	2,702,069	2,824,006	2,950,936	3,065,412	3,186,592
San Francisco	305,584	309,620	329,697	338,193	344,359	352,795	363,482	381,831	402,594
San Mateo	241,916	246,465	254,104	262,306	267,726	277,985	288,180	296,515	301,012
Santa Clara	520,181	538,900	565,862	603,257	629,349	662,072	702,348	733,324	768,045
Alameda	479,518	490,573	523,365	547,540	564,171	587,684	614,099	642,202	675,922
Contra Costa	300,288	320,239	344,129	369,317	386,944	408,544	430,045	444,909	459,884
Solano	113,052	121,732	130,403	145,622	155,418	169,230	178,202	186,451	193,370
Napa	41,312	44,049	45,402	48,998	51,231	53,562	55,571	56,391	57,232
Sonoma	149,011	160,992	172,403	186,773	196,285	202,356	206,901	210,001	213,157
Marin	95,006	97,119	100,650	103,468	106,586	109,778	112,108	113,788	115,376

**Table A.12**  
**Share of Zero Vehicle of Total Households by MTC 34 Superdistrict & County, 1990-2030**  
**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

<i>Share of Zero Vehicle of Total Households</i>									
Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	60.8%	62.3%	58.9%	58.7%	59.1%	58.9%	58.6%	58.3%	58.0%
2 Richmond District	27.9%	29.4%	23.4%	22.1%	22.4%	22.4%	22.6%	23.0%	23.5%
3 Mission District	22.5%	22.8%	18.8%	17.8%	17.9%	18.1%	18.4%	19.1%	20.1%
4 Sunset District	15.2%	15.4%	12.6%	12.1%	11.8%	11.4%	11.2%	11.1%	11.1%
5 Daly City/San Bruno	6.7%	6.5%	6.9%	4.6%	4.6%	4.7%	5.0%	5.3%	5.5%
6 San Mateo/Burlingame	5.4%	5.6%	5.8%	3.9%	3.9%	4.0%	4.2%	4.3%	4.4%
7 Redwood City/Menlo Park	5.6%	5.9%	6.2%	4.5%	4.6%	4.8%	5.2%	5.6%	5.8%
8 Palo Alto/Los Altos	5.2%	5.6%	5.8%	5.0%	5.1%	4.9%	5.1%	5.1%	5.2%
9 Sunnyvale/Mountain View	4.4%	4.3%	5.6%	5.3%	5.5%	5.5%	5.8%	6.1%	6.6%
10 Saratoga/Cupertino	3.9%	3.5%	4.6%	3.9%	4.0%	3.7%	3.6%	3.5%	3.5%
11 Central San Jose	9.7%	9.8%	9.3%	10.2%	10.7%	10.9%	11.4%	12.0%	12.5%
12 Milpitas/East San Jose	4.5%	4.8%	5.5%	5.1%	5.1%	5.1%	5.2%	5.3%	5.5%
13 South San Jose/Almaden	3.0%	2.9%	4.3%	3.5%	3.4%	3.3%	3.3%	3.3%	3.3%
14 Gilroy/Morgan Hill	4.2%	3.5%	4.9%	4.0%	3.9%	3.5%	3.4%	3.4%	3.4%
15 Livermore/Pleasanton	2.8%	2.3%	3.4%	2.6%	2.5%	2.5%	2.5%	2.4%	2.4%
16 Fremont/Union City	3.1%	2.9%	4.7%	3.9%	3.8%	3.9%	4.0%	4.2%	4.4%
17 Hayward/San Leandro	7.8%	8.3%	7.9%	7.8%	7.7%	7.7%	7.8%	8.0%	8.1%
18 Oakland/Alameda	20.0%	21.2%	17.9%	18.7%	18.9%	19.5%	20.0%	20.9%	21.8%
19 Berkeley/Albany	17.3%	17.8%	16.0%	16.0%	15.7%	15.7%	15.6%	15.4%	15.3%
20 Richmond/El Cerrito	10.1%	10.3%	10.1%	9.9%	9.5%	9.1%	8.8%	8.6%	8.4%
21 Concord/Martinez	4.9%	4.9%	6.8%	6.8%	6.6%	6.6%	6.4%	6.2%	6.1%
22 Walnut Creek/Lamorinda	4.9%	4.3%	5.7%	5.4%	5.4%	5.5%	5.5%	5.6%	5.7%
23 Danville/San Ramon	1.0%	1.0%	2.2%	2.0%	2.0%	2.3%	2.8%	3.0%	3.3%
24 Antioch/Pittsburg	6.5%	6.2%	5.8%	5.1%	4.9%	4.7%	4.6%	4.5%	4.4%
25 Vallejo/Benicia	7.3%	7.9%	7.8%	7.6%	7.7%	7.5%	7.6%	7.8%	8.0%
26 Fairfield/Vacaville	4.1%	4.7%	5.6%	5.3%	5.0%	5.0%	4.9%	4.8%	4.7%
27 Napa	6.6%	6.2%	6.6%	5.8%	5.7%	5.6%	5.4%	5.1%	4.9%
28 St. Helena/Calistoga	6.2%	5.4%	4.5%	3.5%	3.3%	3.0%	2.9%	2.8%	2.6%
29 Petaluma/Sonoma	5.2%	5.0%	5.6%	4.1%	3.7%	3.3%	3.1%	2.8%	2.7%
30 Santa Rosa/Sebastopol	6.9%	6.9%	6.2%	5.4%	4.9%	4.5%	4.3%	4.1%	3.9%
31 Healdsburg/Cloverdale	4.6%	4.0%	4.8%	4.3%	4.2%	4.0%	3.9%	3.7%	3.5%
32 Novato	4.3%	3.9%	5.1%	4.9%	4.6%	4.4%	4.0%	3.6%	3.3%
33 San Rafael	5.6%	5.5%	5.9%	5.7%	5.5%	5.3%	5.2%	5.0%	4.8%
34 Mill Valley/Sausalito	4.6%	4.0%	4.1%	3.0%	2.9%	2.8%	2.8%	2.7%	2.7%
Bay Area	10.3%	10.4%	10.0%	9.3%	9.3%	9.2%	9.3%	9.5%	9.8%
San Francisco	30.3%	31.3%	27.6%	26.9%	27.1%	27.2%	27.4%	27.8%	28.4%
San Mateo	6.0%	6.0%	6.3%	4.3%	4.4%	4.5%	4.8%	5.0%	5.2%
Santa Clara	5.1%	5.1%	5.8%	5.5%	5.6%	5.6%	5.8%	6.1%	6.4%
Alameda	11.9%	12.3%	11.1%	10.9%	10.8%	11.1%	11.3%	11.6%	11.9%
Contra Costa	6.2%	6.0%	6.7%	6.3%	6.1%	6.0%	5.9%	5.8%	5.8%
Solano	5.5%	6.0%	6.5%	6.1%	6.0%	5.9%	5.9%	5.9%	5.8%
Napa	6.5%	6.0%	6.0%	5.1%	5.0%	4.8%	4.7%	4.5%	4.3%
Sonoma	5.9%	5.8%	5.7%	4.7%	4.4%	4.0%	3.8%	3.6%	3.4%
Marin	4.9%	4.6%	5.1%	4.5%	4.3%	4.2%	4.0%	3.8%	3.7%

**Table A.13****Share of Single-Vehicle of Total Households by MTC 34 Superdistrict & County, 1990-2030****MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)***Share of Single-Vehicle Households of Total Households*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	29.4%	28.5%	31.8%	30.9%	30.7%	30.8%	30.9%	30.8%	30.5%
2 Richmond District	47.9%	47.7%	49.2%	47.7%	47.7%	47.9%	48.1%	48.3%	48.6%
3 Mission District	42.4%	42.6%	43.1%	41.5%	41.4%	41.6%	41.7%	41.7%	41.5%
4 Sunset District	42.2%	42.5%	41.9%	40.8%	40.6%	40.2%	40.1%	40.1%	40.2%
5 Daly City/San Bruno	32.2%	31.0%	31.9%	24.9%	24.9%	25.5%	26.2%	26.9%	27.6%
6 San Mateo/Burlingame	32.4%	33.1%	33.7%	26.8%	26.9%	27.4%	28.1%	29.0%	29.9%
7 Redwood City/Menlo Park	30.9%	32.8%	30.8%	25.2%	25.3%	25.8%	26.7%	27.5%	28.2%
8 Palo Alto/Los Altos	34.7%	35.8%	35.0%	31.3%	31.4%	31.4%	32.2%	32.8%	33.5%
9 Sunnyvale/Mountain View	35.2%	37.1%	37.6%	35.6%	35.6%	36.2%	37.0%	37.9%	39.1%
10 Saratoga/Cupertino	25.8%	26.2%	28.7%	25.1%	25.1%	24.8%	24.9%	25.1%	25.4%
11 Central San Jose	33.2%	33.9%	33.9%	32.5%	32.8%	32.8%	32.8%	33.0%	33.3%
12 Milpitas/East San Jose	21.9%	20.5%	20.3%	18.4%	18.2%	18.3%	18.6%	18.9%	19.3%
13 South San Jose/Almaden	19.1%	18.0%	22.2%	18.8%	18.8%	18.7%	19.0%	19.2%	19.5%
14 Gilroy/Morgan Hill	21.9%	19.7%	23.1%	19.7%	19.3%	18.6%	18.5%	18.6%	18.7%
15 Livermore/Pleasanton	21.6%	22.5%	24.4%	21.2%	20.7%	20.8%	20.9%	21.0%	21.0%
16 Fremont/Union City	22.6%	21.6%	24.6%	21.1%	20.9%	21.2%	21.5%	22.0%	22.5%
17 Hayward/San Leandro	32.4%	34.1%	32.5%	31.0%	30.7%	30.5%	30.6%	30.7%	30.7%
18 Oakland/Alameda	40.3%	41.5%	41.3%	40.2%	39.8%	39.8%	39.6%	39.2%	38.6%
19 Berkeley/Albany	44.8%	46.8%	46.3%	45.0%	44.7%	44.8%	44.8%	44.8%	44.9%
20 Richmond/El Cerrito	33.5%	33.1%	35.9%	35.1%	34.5%	33.9%	33.6%	33.6%	33.4%
21 Concord/Martinez	29.1%	29.9%	31.7%	31.2%	30.8%	30.8%	30.6%	30.6%	30.4%
22 Walnut Creek/Lamorinda	31.5%	32.3%	33.7%	31.5%	31.3%	31.7%	31.9%	32.2%	32.5%
23 Danville/San Ramon	17.0%	18.3%	19.4%	17.1%	17.3%	18.7%	20.6%	21.9%	22.8%
24 Antioch/Pittsburg	25.9%	25.3%	26.2%	23.8%	23.1%	22.7%	22.5%	22.3%	22.0%
25 Vallejo/Benicia	30.5%	31.5%	30.8%	28.1%	27.7%	27.2%	27.2%	27.4%	27.5%
26 Fairfield/Vacaville	25.2%	27.2%	27.1%	25.1%	24.6%	24.5%	24.2%	24.0%	23.7%
27 Napa	29.0%	28.4%	32.7%	29.4%	29.1%	28.6%	28.3%	27.8%	27.4%
28 St. Helena/Calistoga	33.1%	31.5%	33.9%	28.7%	28.1%	27.3%	26.7%	26.3%	25.7%
29 Petaluma/Sonoma	30.2%	30.4%	30.5%	25.9%	25.1%	24.5%	23.8%	23.4%	22.9%
30 Santa Rosa/Sebastopol	32.3%	32.3%	33.6%	31.2%	30.1%	29.0%	28.4%	27.8%	27.3%
31 Healdsburg/Cloverdale	28.4%	27.9%	30.5%	28.0%	27.4%	27.0%	26.4%	26.0%	25.3%
32 Novato	26.8%	27.7%	30.3%	30.4%	29.7%	29.6%	29.0%	28.0%	27.4%
33 San Rafael	32.2%	31.8%	35.5%	34.6%	34.0%	33.6%	33.4%	33.1%	32.9%
34 Mill Valley/Sausalito	38.0%	38.3%	38.6%	33.8%	33.2%	33.3%	33.4%	33.4%	33.2%
Bay Area	32.1%	32.3%	33.1%	30.4%	30.0%	30.0%	30.1%	30.2%	30.4%
San Francisco	41.6%	41.5%	42.5%	41.1%	40.9%	40.9%	41.0%	40.9%	40.8%
San Mateo	31.9%	32.2%	32.2%	25.6%	25.7%	26.2%	27.0%	27.8%	28.5%
Santa Clara	28.0%	28.1%	29.1%	26.5%	26.5%	26.6%	27.0%	27.5%	28.1%
Alameda	33.9%	34.8%	34.8%	32.6%	32.1%	32.2%	32.2%	32.1%	32.0%
Contra Costa	28.8%	28.9%	30.4%	28.8%	28.2%	28.2%	28.2%	28.4%	28.3%
Solano	27.4%	28.9%	28.5%	26.2%	25.7%	25.4%	25.3%	25.2%	25.0%
Napa	30.3%	29.4%	33.1%	29.2%	28.8%	28.2%	27.8%	27.3%	26.9%
Sonoma	30.9%	30.8%	32.0%	28.8%	27.9%	27.1%	26.5%	26.0%	25.4%
Marin	33.1%	33.2%	35.6%	33.4%	32.8%	32.6%	32.4%	32.0%	31.7%

**Table A.14**

**Share of Multi-Vehicle of Total Households by MTC 34 Superdistrict & County, 1990-2030**

**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

*Share of Multi-Vehicle Households of Total Households*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	9.7%	9.2%	9.2%	10.4%	10.2%	10.3%	10.5%	10.9%	11.5%
2 Richmond District	24.2%	22.9%	27.4%	30.2%	30.0%	29.8%	29.3%	28.8%	27.9%
3 Mission District	35.1%	34.6%	38.1%	40.7%	40.7%	40.4%	39.9%	39.2%	38.4%
4 Sunset District	42.7%	42.1%	45.5%	47.1%	47.6%	48.4%	48.7%	48.8%	48.7%
5 Daly City/San Bruno	61.0%	62.5%	61.2%	70.5%	70.5%	69.8%	68.8%	67.8%	66.9%
6 San Mateo/Burlingame	62.2%	61.3%	60.5%	69.3%	69.2%	68.5%	67.7%	66.7%	65.7%
7 Redwood City/Menlo Park	63.5%	61.2%	62.9%	70.3%	70.1%	69.4%	68.1%	66.9%	66.0%
8 Palo Alto/Los Altos	60.2%	58.6%	59.2%	63.8%	63.5%	63.7%	62.7%	62.1%	61.2%
9 Sunnyvale/Mountain View	60.5%	58.7%	56.8%	59.2%	58.9%	58.3%	57.2%	55.9%	54.3%
10 Saratoga/Cupertino	70.3%	70.2%	66.7%	71.0%	71.0%	71.6%	71.5%	71.3%	71.1%
11 Central San Jose	57.1%	56.2%	56.8%	57.3%	56.5%	56.3%	55.8%	55.0%	54.2%
12 Milpitas/East San Jose	73.5%	74.7%	74.2%	76.5%	76.7%	76.5%	76.2%	75.8%	75.2%
13 South San Jose/Almaden	77.8%	79.1%	73.5%	77.7%	77.8%	78.1%	77.8%	77.5%	77.2%
14 Gilroy/Morgan Hill	73.9%	76.8%	72.0%	76.2%	76.8%	77.9%	78.0%	78.0%	77.9%
15 Livermore/Pleasanton	75.6%	75.1%	72.2%	76.1%	76.8%	76.8%	76.6%	76.6%	76.5%
16 Fremont/Union City	74.3%	75.4%	70.7%	74.9%	75.3%	74.9%	74.4%	73.9%	73.1%
17 Hayward/San Leandro	59.8%	57.7%	59.6%	61.3%	61.6%	61.8%	61.6%	61.3%	61.2%
18 Oakland/Alameda	39.7%	37.3%	40.7%	41.2%	41.3%	40.7%	40.4%	39.9%	39.5%
19 Berkeley/Albany	37.9%	35.4%	37.8%	39.0%	39.6%	39.5%	39.6%	39.7%	39.8%
20 Richmond/El Cerrito	56.4%	56.6%	54.0%	55.0%	56.0%	56.9%	57.6%	57.8%	58.2%
21 Concord/Martinez	66.0%	65.2%	61.5%	62.0%	62.7%	62.7%	63.0%	63.2%	63.5%
22 Walnut Creek/Lamorinda	63.6%	63.4%	60.6%	63.1%	63.3%	62.8%	62.5%	62.2%	61.9%
23 Danville/San Ramon	82.0%	80.7%	78.4%	80.9%	80.7%	79.0%	76.6%	75.1%	73.9%
24 Antioch/Pittsburg	67.5%	68.5%	68.0%	71.0%	72.1%	72.5%	72.9%	73.2%	73.6%
25 Vallejo/Benicia	62.2%	60.6%	61.4%	64.3%	64.7%	65.2%	65.1%	64.8%	64.6%
26 Fairfield/Vacaville	70.7%	68.1%	67.3%	69.6%	70.4%	70.5%	70.8%	71.1%	71.6%
27 Napa	64.4%	65.4%	60.7%	64.8%	65.2%	65.9%	66.3%	67.1%	67.6%
28 St. Helena/Calistoga	60.8%	63.2%	61.6%	67.8%	68.6%	69.7%	70.4%	70.9%	71.7%
29 Petaluma/Sonoma	64.5%	64.6%	63.9%	69.9%	71.2%	72.2%	73.1%	73.8%	74.5%
30 Santa Rosa/Sebastopol	60.9%	60.8%	60.2%	63.5%	65.0%	66.5%	67.4%	68.1%	68.8%
31 Healdsburg/Cloverdale	67.0%	68.1%	64.8%	67.7%	68.5%	69.0%	69.7%	70.3%	71.2%
32 Novato	68.9%	68.5%	64.6%	64.6%	65.7%	66.0%	67.0%	68.4%	69.3%
33 San Rafael	62.2%	62.8%	58.6%	59.7%	60.5%	61.1%	61.4%	61.9%	62.3%
34 Mill Valley/Sausalito	57.4%	57.7%	57.3%	63.1%	63.9%	63.9%	63.8%	63.9%	64.2%
Bay Area	57.6%	57.3%	56.9%	60.3%	60.7%	60.8%	60.7%	60.3%	59.9%
San Francisco	28.0%	27.2%	29.9%	32.0%	31.9%	31.9%	31.6%	31.3%	30.8%
San Mateo	62.1%	61.7%	61.5%	70.1%	70.0%	69.3%	68.3%	67.2%	66.2%
Santa Clara	66.9%	66.8%	65.1%	68.1%	67.9%	67.8%	67.2%	66.5%	65.6%
Alameda	54.1%	52.9%	54.1%	56.5%	57.1%	56.8%	56.6%	56.3%	56.0%
Contra Costa	65.0%	65.1%	62.9%	64.9%	65.7%	65.8%	65.9%	65.8%	65.9%
Solano	67.1%	65.1%	65.0%	67.6%	68.4%	68.7%	68.8%	68.9%	69.2%
Napa	63.3%	64.7%	61.0%	65.7%	66.2%	67.0%	67.4%	68.2%	68.8%
Sonoma	63.2%	63.4%	62.3%	66.5%	67.7%	68.9%	69.7%	70.4%	71.2%
Marin	61.9%	62.2%	59.4%	62.1%	62.9%	63.2%	63.6%	64.1%	64.6%

**Table A.15****Total Vehicles Available in Households by MTC 34 Superdistrict & County, 1990-2030****MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)***Total Vehicles Available in Households*

Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	29,526	29,053	35,362	37,938	38,736	40,307	42,448	46,140	50,396
2 Richmond District	98,771	96,661	114,724	121,874	122,667	123,525	123,909	125,252	126,299
3 Mission District	130,444	130,980	147,744	157,116	160,209	165,453	172,288	183,522	195,446
4 Sunset District	67,277	67,295	73,335	75,697	76,796	78,402	79,631	81,001	82,300
5 Daly City/San Bruno	172,293	178,038	180,808	201,776	204,869	210,654	216,704	220,733	221,872
6 San Mateo/Burlingame	144,220	146,179	146,593	165,151	168,608	174,043	177,384	179,570	180,086
7 Redwood City/Menlo Park	141,603	140,761	148,070	163,235	167,163	173,258	179,164	183,935	186,277
8 Palo Alto/Los Altos	122,892	122,669	122,940	131,762	133,975	139,342	144,885	148,619	152,806
9 Sunnyvale/Mountain View	147,439	152,309	155,075	169,226	177,624	189,412	202,865	212,418	220,802
10 Saratoga/Cupertino	230,740	235,594	228,126	245,886	251,328	259,348	265,352	269,180	272,990
11 Central San Jose	154,511	160,052	164,153	182,616	193,071	209,275	230,176	246,313	265,265
12 Milpitas/East San Jose	191,487	202,564	225,007	245,372	257,016	270,651	287,341	298,551	311,508
13 South San Jose/Almaden	142,257	149,300	150,499	161,915	166,417	171,659	176,240	178,595	180,767
14 Gilroy/Morgan Hill	53,491	57,795	63,309	75,629	83,133	88,211	93,557	98,640	104,621
15 Livermore/Pleasanton	103,546	113,987	123,239	147,706	163,179	172,538	184,385	197,335	214,092
16 Fremont/Union City	187,017	195,577	204,543	222,161	229,211	236,774	245,041	254,287	264,570
17 Hayward/San Leandro	206,743	206,569	223,274	233,970	238,691	245,551	253,351	259,752	267,373
18 Oakland/Alameda	225,129	217,773	239,824	245,748	250,896	260,314	271,187	282,489	296,768
19 Berkeley/Albany	88,795	86,699	91,977	94,662	96,460	100,130	104,017	107,564	111,667
20 Richmond/El Cerrito	140,224	145,083	146,378	154,443	160,480	170,376	179,932	185,408	191,150
21 Concord/Martinez	147,139	153,157	155,209	164,575	171,587	178,345	187,408	195,442	203,787
22 Walnut Creek/Lamorinda	104,911	108,565	106,396	112,982	117,467	120,889	124,467	126,905	129,343
23 Danville/San Ramon	74,052	86,217	88,840	100,275	105,855	112,457	118,199	122,441	126,831
24 Antioch/Pittsburg	109,929	122,935	146,811	170,657	186,703	202,828	217,014	225,667	234,184
25 Vallejo/Benicia	88,874	89,494	95,633	104,138	107,763	115,593	120,036	124,833	129,850
26 Fairfield/Vacaville	133,046	145,201	157,557	184,997	202,852	223,571	237,637	249,658	259,280
27 Napa	53,920	58,192	57,575	65,160	68,721	73,313	77,248	79,351	81,274
28 St. Helena/Calistoga	25,067	27,216	27,301	30,371	31,636	32,304	32,743	33,044	33,394
29 Petaluma/Sonoma	101,421	109,533	116,241	132,586	138,583	143,322	147,178	150,030	152,901
30 Santa Rosa/Sebastopol	133,563	142,554	152,409	168,633	181,190	190,509	197,326	202,213	207,290
31 Healdsburg/Cloverdale	48,105	54,615	57,179	65,556	70,040	72,380	74,004	75,127	76,408
32 Novato	41,253	41,835	40,088	42,001	44,739	47,605	49,868	51,511	52,893
33 San Rafael	74,562	77,186	73,168	75,822	78,381	80,236	81,571	82,665	83,769
34 Mill Valley/Sausalito	59,892	61,294	65,598	70,355	72,225	74,041	75,542	76,953	78,430
Bay Area	3,974,139	4,112,932	4,324,985	4,721,991	4,918,272	5,146,618	5,370,097	5,555,145	5,746,689
San Francisco	326,018	323,989	371,165	392,626	398,407	407,687	418,275	435,915	454,441
San Mateo	458,116	464,978	475,472	530,163	540,639	557,955	573,251	584,238	588,235
Santa Clara	1,042,817	1,080,283	1,109,108	1,212,406	1,262,565	1,327,899	1,400,416	1,452,316	1,508,759
Alameda	811,230	820,605	882,858	944,247	978,437	1,015,308	1,057,981	1,101,428	1,154,471
Contra Costa	576,255	615,957	643,634	702,932	742,094	784,894	827,019	855,863	885,294
Solano	221,920	234,695	253,190	289,135	310,616	339,164	357,672	374,491	389,130
Napa	78,987	85,408	84,876	95,531	100,356	105,618	109,991	112,395	114,668
Sonoma	283,089	306,702	325,829	366,775	389,814	406,212	418,508	427,371	436,599
Marin	175,707	180,315	178,853	188,177	195,345	201,882	206,982	211,128	215,092

**Table A.16**  
**Average Total Vehicles Available per Household by MTC 34 Superdistrict & County, 1990-2030**  
**MTC Forecasts based on ABAG Projections 2000 (1990 & 1995) and Projections 2003 (2000-2030)**

<i>Average Total Vehicles Available per Household</i>									
Superdistrict/County of Residence	1990	1995	2000	2006	2010	2015	2020	2025	2030
1 Downtown San Francisco	0.509	0.487	0.519	0.534	0.529	0.531	0.537	0.546	0.555
2 Richmond District	1.030	0.999	1.123	1.171	1.166	1.164	1.156	1.145	1.128
3 Mission District	1.252	1.242	1.338	1.385	1.383	1.377	1.367	1.351	1.331
4 Sunset District	1.417	1.407	1.498	1.525	1.535	1.550	1.556	1.559	1.556
5 Daly City/San Bruno	1.869	1.894	1.876	2.044	2.044	2.031	2.013	1.995	1.978
6 San Mateo/Burlingame	1.885	1.870	1.823	1.970	1.968	1.957	1.945	1.928	1.913
7 Redwood City/Menlo Park	1.933	1.894	1.915	2.047	2.043	2.030	2.006	1.984	1.968
8 Palo Alto/Los Altos	1.850	1.823	1.806	1.880	1.875	1.880	1.863	1.855	1.841
9 Sunnyvale/Mountain View	1.845	1.820	1.749	1.786	1.780	1.772	1.754	1.732	1.703
10 Saratoga/Cupertino	2.061	2.065	1.952	2.023	2.022	2.034	2.034	2.032	2.028
11 Central San Jose	1.773	1.760	1.783	1.782	1.765	1.759	1.747	1.729	1.711
12 Milpitas/East San Jose	2.197	2.213	2.263	2.309	2.312	2.309	2.303	2.294	2.282
13 South San Jose/Almaden	2.236	2.258	2.110	2.184	2.187	2.191	2.187	2.182	2.179
14 Gilroy/Morgan Hill	2.232	2.289	2.147	2.227	2.238	2.259	2.263	2.263	2.261
15 Livermore/Pleasanton	2.161	2.157	2.037	2.103	2.114	2.114	2.112	2.112	2.110
16 Fremont/Union City	2.135	2.154	2.056	2.129	2.136	2.128	2.120	2.110	2.096
17 Hayward/San Leandro	1.833	1.796	1.821	1.847	1.853	1.855	1.852	1.845	1.844
18 Oakland/Alameda	1.366	1.319	1.394	1.393	1.393	1.377	1.368	1.352	1.338
19 Berkeley/Albany	1.337	1.299	1.339	1.355	1.365	1.365	1.367	1.370	1.373
20 Richmond/El Cerrito	1.750	1.751	1.712	1.729	1.748	1.766	1.780	1.785	1.792
21 Concord/Martinez	1.926	1.913	1.852	1.859	1.872	1.872	1.879	1.884	1.890
22 Walnut Creek/Lamorinda	1.882	1.884	1.800	1.839	1.842	1.834	1.830	1.824	1.819
23 Danville/San Ramon	2.302	2.282	2.142	2.182	2.179	2.151	2.110	2.085	2.064
24 Antioch/Pittsburg	1.968	1.985	1.978	2.030	2.048	2.057	2.063	2.070	2.076
25 Vallejo/Benicia	1.865	1.836	1.877	1.923	1.930	1.939	1.937	1.929	1.924
26 Fairfield/Vacaville	2.034	1.990	1.983	2.022	2.037	2.039	2.045	2.051	2.060
27 Napa	1.917	1.935	1.845	1.914	1.922	1.934	1.941	1.957	1.967
28 St. Helena/Calistoga	1.902	1.947	1.924	2.030	2.045	2.064	2.076	2.087	2.100
29 Petaluma/Sonoma	1.922	1.925	1.923	2.029	2.052	2.072	2.088	2.101	2.114
30 Santa Rosa/Sebastopol	1.853	1.852	1.849	1.907	1.933	1.961	1.977	1.990	2.003
31 Healdsburg/Cloverdale	1.991	2.014	1.937	1.986	1.999	2.009	2.022	2.032	2.048
32 Novato	1.982	1.980	1.893	1.895	1.914	1.920	1.939	1.962	1.979
33 San Rafael	1.855	1.866	1.762	1.780	1.792	1.802	1.809	1.817	1.825
34 Mill Valley/Sausalito	1.761	1.771	1.729	1.818	1.829	1.830	1.829	1.831	1.835
Bay Area	1.770	1.765	1.754	1.812	1.820	1.822	1.820	1.812	1.803
San Francisco	1.067	1.046	1.126	1.161	1.157	1.156	1.151	1.142	1.129
San Mateo	1.894	1.887	1.871	2.021	2.019	2.007	1.989	1.970	1.954
Santa Clara	2.005	2.005	1.960	2.010	2.006	2.006	1.994	1.980	1.964
Alameda	1.692	1.673	1.687	1.725	1.734	1.728	1.723	1.715	1.708
Contra Costa	1.919	1.923	1.870	1.903	1.918	1.921	1.923	1.924	1.925
Solano	1.963	1.928	1.942	1.986	1.999	2.004	2.007	2.009	2.012
Napa	1.912	1.939	1.869	1.950	1.959	1.972	1.979	1.993	2.004
Sonoma	1.900	1.905	1.890	1.964	1.986	2.007	2.023	2.035	2.048
Marin	1.849	1.857	1.777	1.819	1.833	1.839	1.846	1.855	1.864

**Table B.1**  
**Home-Based Work Person Trip Ends by Superdistrict and County-of-Residence, 1990-2030**

<b>Superdistrict/County of Residence</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
1 Downtown San Francisco	80,108	100,761	95,001	108,644	125,469	137,862
2 Richmond District	171,573	200,381	185,215	202,376	214,405	223,295
3 Mission District	212,961	252,628	243,901	273,991	313,668	341,534
4 Sunset District	93,421	106,913	101,783	110,507	116,354	120,244
5 Daly City/San Bruno	209,118	230,330	212,950	237,381	259,909	267,534
6 San Mateo/Burlingame	163,134	180,446	160,785	184,480	205,314	215,803
7 Redwood City/Menlo Park	155,147	184,305	166,946	194,053	224,345	235,340
8 Palo Alto/Los Altos	134,757	144,412	131,753	155,721	176,759	186,796
9 Sunnyvale/Mountain View	175,757	195,031	196,435	240,980	282,433	301,970
10 Saratoga/Cupertino	248,177	254,565	241,634	281,616	306,776	317,937
11 Central San Jose	185,349	211,720	221,710	279,796	346,971	383,841
12 Milpitas/East San Jose	234,826	273,025	276,349	332,514	384,541	411,741
13 South San Jose/Almaden	160,281	176,085	172,428	198,902	216,555	223,219
14 Gilroy/Morgan Hill	53,312	70,517	75,064	94,569	110,934	121,056
15 Livermore/Pleasanton	109,696	137,826	162,184	201,196	252,848	277,670
16 Fremont/Union City	215,066	244,668	263,953	300,312	356,278	376,938
17 Hayward/San Leandro	216,140	256,219	270,535	302,310	351,551	365,786
18 Oakland/Alameda	273,815	303,716	311,547	356,299	448,212	485,770
19 Berkeley/Albany	108,159	127,827	129,759	145,591	171,741	179,719
20 Richmond/El Cerrito	148,125	172,892	184,983	212,918	237,929	246,601
21 Concord/Martinez	160,065	168,156	181,940	209,328	238,460	251,012
22 Walnut Creek/Lamorinda	101,249	105,994	107,497	124,294	141,377	147,857
23 Danville/San Ramon	78,008	98,341	105,668	135,335	160,162	170,020
24 Antioch/Pittsburg	113,221	155,362	182,033	225,222	256,310	266,936
25 Vallejo/Benicia	92,612	100,508	114,564	131,348	151,633	159,271
26 Fairfield/Vacaville	129,871	162,849	198,093	246,020	289,364	300,910
27 Napa	52,571	61,010	66,094	75,157	81,765	83,918
28 St. Helena/Calistoga	23,039	27,867	26,959	29,106	30,481	31,397
29 Petaluma/Sonoma	103,798	125,616	141,881	155,901	163,865	166,890
30 Santa Rosa/Sebastopol	130,864	163,579	183,504	210,493	226,953	233,312
31 Healdsburg/Cloverdale	43,963	57,880	66,973	75,918	79,300	80,362
32 Novato	44,603	42,231	45,161	52,186	56,218	57,839
33 San Rafael	77,696	79,823	81,115	88,006	92,122	94,272
34 Mill Valley/Sausalito	64,921	74,798	69,644	79,529	86,611	90,892
<b>Bay Area</b>	<b>4,565,403</b>	<b>5,248,281</b>	<b>5,376,041</b>	<b>6,251,999</b>	<b>7,157,613</b>	<b>7,555,544</b>
San Francisco	558,063	660,683	625,900	695,518	769,896	822,935
San Mateo	527,399	595,081	540,681	615,914	689,568	718,677
Santa Clara	1,192,459	1,325,355	1,315,373	1,584,098	1,824,969	1,946,560
Alameda	922,876	1,070,256	1,137,978	1,305,708	1,580,630	1,685,883
Contra Costa	600,668	700,745	762,121	907,097	1,034,238	1,082,426
Solano	222,483	263,357	312,657	377,368	440,997	460,181
Napa	75,610	88,877	93,053	104,263	112,246	115,315
Sonoma	278,625	347,075	392,358	442,312	470,118	480,564
Marin	187,220	196,852	195,920	219,721	234,951	243,003

**Table B.2**  
**Home-Based Work Person Trip Ends by Superdistrict and County-of-Work, 1990-2030**

<b>Superdistrict/County of Work</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2015</b>	<b>2025</b>	<b>2030</b>
1 Downtown San Francisco	481,753	612,738	628,609	722,789	799,573	833,957
2 Richmond District	121,434	122,692	115,815	132,577	148,891	158,048
3 Mission District	180,032	194,611	192,967	225,747	268,558	283,903
4 Sunset District	37,033	41,013	36,410	42,300	46,675	48,209
5 Daly City/San Bruno	193,392	223,245	221,122	261,989	308,999	328,127
6 San Mateo/Burlingame	123,276	151,679	153,806	175,879	199,503	206,120
7 Redwood City/Menlo Park	152,997	170,702	175,973	202,432	226,895	237,333
8 Palo Alto/Los Altos	190,147	236,287	236,831	258,928	283,550	291,542
9 Sunnyvale/Mountain View	469,152	490,018	510,306	600,128	673,021	709,577
10 Saratoga/Cupertino	177,354	195,897	197,874	230,173	255,545	267,123
11 Central San Jose	186,624	221,203	226,071	275,354	331,719	365,433
12 Milpitas/East San Jose	124,657	170,315	168,342	206,955	241,133	254,075
13 South San Jose/Almaden	75,051	98,364	99,452	121,743	142,897	152,430
14 Gilroy/Morgan Hill	49,058	55,267	59,597	91,266	114,573	123,806
15 Livermore/Pleasanton	109,765	143,010	154,419	196,053	238,238	268,226
16 Fremont/Union City	147,640	198,427	210,294	246,505	297,604	317,386
17 Hayward/San Leandro	199,183	225,846	228,534	252,014	282,293	290,866
18 Oakland/Alameda	298,582	307,077	317,599	363,445	408,821	432,415
19 Berkeley/Albany	139,596	143,922	143,469	149,407	160,516	163,528
20 Richmond/El Cerrito	94,122	109,570	114,517	127,739	144,903	153,196
21 Concord/Martinez	145,887	150,091	153,854	169,461	195,225	211,799
22 Walnut Creek/Lamorinda	105,491	110,789	114,960	123,949	135,830	140,023
23 Danville/San Ramon	64,882	73,050	82,439	100,541	117,522	119,878
24 Antioch/Pittsburg	46,727	64,858	69,020	96,960	127,020	140,053
25 Vallejo/Benicia	76,167	66,117	69,783	80,718	95,541	103,205
26 Fairfield/Vacaville	93,725	105,171	109,437	130,834	154,063	164,934
27 Napa	46,377	59,355	63,710	74,647	81,190	83,211
28 St. Helena/Calistoga	23,957	32,606	31,433	32,013	32,828	32,827
29 Petaluma/Sonoma	73,107	89,178	92,565	108,492	131,281	140,910
30 Santa Rosa/Sebastopol	165,203	176,823	187,178	212,798	240,938	248,680
31 Healdsburg/Cloverdale	20,152	29,891	30,474	34,728	40,590	42,489
32 Novato	30,911	41,457	42,167	54,137	63,961	66,401
33 San Rafael	72,222	76,200	76,022	82,538	89,436	91,569
34 Mill Valley/Sausalito	49,750	60,810	60,993	66,758	78,284	84,267
<b>Bay Area</b>	<b>4,565,406</b>	<b>5,248,281</b>	<b>5,376,041</b>	<b>6,251,999</b>	<b>7,157,613</b>	<b>7,555,544</b>
San Francisco	820,252	971,054	973,801	1,123,414	1,263,697	1,324,117
San Mateo	469,665	545,626	550,900	640,300	735,396	771,580
Santa Clara	1,272,043	1,467,353	1,498,474	1,784,548	2,042,438	2,163,985
Alameda	894,766	1,018,281	1,054,315	1,207,423	1,387,472	1,472,421
Contra Costa	457,109	508,358	534,789	618,650	720,499	764,948
Solano	169,892	171,288	179,220	211,552	249,604	268,139
Napa	70,334	91,961	95,143	106,660	114,017	116,039
Sonoma	258,462	295,892	310,218	356,018	412,809	432,080
Marin	152,883	178,467	179,181	203,434	231,681	242,236

**Table C.1**  
**County-to-County Home-Based Work Trips by Mode, 1990 Base Year**

County of Production	County of Attraction	Drive Alone	Shared	Shared	Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
San Francisco	San Francisco	144,414	37,113	11,665	192,258	4,560	51,276	441,286
San Francisco	San Mateo	40,306	6,680	2,071	5,621	172	242	55,092
San Francisco	Santa Clara	9,370	1,564	1,397	1,441	24	3	13,799
San Francisco	Alameda	16,217	3,505	1,349	7,568	0	2	28,642
San Francisco	Contra Costa	4,352	707	703	2,445	0	0	8,207
San Francisco	Solano	309	343	165	13	0	0	831
San Francisco	Napa	159	7	38	0	0	0	203
San Francisco	Sonoma	1,190	95	183	81	0	0	1,549
San Francisco	Marin	6,188	952	380	839	91	4	8,454
San Mateo	San Francisco	71,918	17,867	5,003	27,089	165	321	122,365
San Mateo	San Mateo	239,485	29,441	6,383	6,768	2,854	13,524	298,455
San Mateo	Santa Clara	66,163	7,090	1,294	2,648	1,197	136	78,527
San Mateo	Alameda	15,993	1,969	866	1,357	2	3	20,189
San Mateo	Contra Costa	3,484	385	381	360	0	0	4,611
San Mateo	Solano	182	87	106	0	0	0	375
San Mateo	Napa	82	1	2	0	0	0	85
San Mateo	Sonoma	255	15	114	0	0	0	383
San Mateo	Marin	1,316	1,042	41	8	1	0	2,408
Santa Clara	San Francisco	5,996	1,015	444	3,230	1	15	10,701
Santa Clara	San Mateo	36,375	4,773	1,191	2,259	446	110	45,155
Santa Clara	Santa Clara	877,539	115,576	22,714	34,958	14,895	27,222	1,092,904
Santa Clara	Alameda	31,610	3,964	1,569	705	80	26	37,955
Santa Clara	Contra Costa	2,979	647	1,047	1	0	0	4,674
Santa Clara	Solano	267	60	18	0	0	0	345
Santa Clara	Napa	83	1	2	0	0	0	87
Santa Clara	Sonoma	181	2	6	0	0	0	189
Santa Clara	Marin	400	28	21	0	0	0	450
Alameda	San Francisco	27,824	6,452	10,079	45,878	0	11	90,244
Alameda	San Mateo	35,816	6,175	3,443	1,349	68	12	46,862
Alameda	Santa Clara	59,889	10,845	2,921	1,481	120	31	75,288
Alameda	Alameda	477,130	61,054	15,248	47,031	10,979	34,752	646,193
Alameda	Contra Costa	41,485	5,390	1,792	3,619	184	86	52,557
Alameda	Solano	3,181	354	149	22	0	0	3,706
Alameda	Napa	755	103	40	0	0	0	898
Alameda	Sonoma	1,702	184	69	0	0	0	1,955
Alameda	Marin	3,951	1,059	148	17	0	0	5,175
Contra Costa	San Francisco	24,176	7,218	9,896	35,490	0	2	76,782
Contra Costa	San Mateo	9,444	1,887	1,032	518	0	8	12,889
Contra Costa	Santa Clara	6,880	1,136	364	8	0	0	8,388
Contra Costa	Alameda	100,316	15,397	4,292	10,641	468	536	131,650
Contra Costa	Contra Costa	286,791	32,115	8,218	4,896	2,469	11,966	346,456
Contra Costa	Solano	10,010	1,380	591	30	0	0	12,011
Contra Costa	Napa	1,904	517	149	0	0	0	2,570
Contra Costa	Sonoma	2,751	698	35	0	0	0	3,484
Contra Costa	Marin	5,420	697	306	15	0	0	6,439
Solano	San Francisco	5,571	2,239	3,506	2,249	0	2	13,567
Solano	San Mateo	2,144	838	845	259	0	1	4,088
Solano	Santa Clara	668	248	116	0	0	0	1,032
Solano	Alameda	10,737	2,839	1,816	453	0	1	15,847
Solano	Contra Costa	24,194	4,490	2,242	117	0	1	31,045
Solano	Solano	115,371	14,624	4,229	1,828	1,393	4,638	142,082
Solano	Napa	6,082	1,573	562	0	31	2	8,250
Solano	Sonoma	2,098	1,075	215	0	0	0	3,388
Solano	Marin	1,901	764	518	1	0	0	3,185

**Table C.1  
County-to-County Home-Based Work Trips by Mode, 1990 Base Year**

County of Production	County of Attraction	Drive Alone	Shared Ride 2-person	Shared Ride 3-or-More	Transit	Bicycle	Walk	Total
Napa	San Francisco	683	393	225	349	0	1	1,651
Napa	San Mateo	209	32	19	0	0	0	260
Napa	Santa Clara	160	20	7	0	0	0	187
Napa	Alameda	1,466	241	97	9	0	0	1,814
Napa	Contra Costa	2,157	357	212	0	0	0	2,726
Napa	Solano	6,362	1,021	266	0	24	5	7,679
Napa	Napa	44,634	4,651	1,399	781	973	2,913	55,351
Napa	Sonoma	3,930	531	222	0	6	1	4,690
Napa	Marin	1,077	122	55	0	0	0	1,253
Sonoma	San Francisco	5,844	1,744	1,308	2,971	0	6	11,873
Sonoma	San Mateo	1,148	241	120	25	0	1	1,535
Sonoma	Santa Clara	490	67	105	0	0	0	663
Sonoma	Alameda	2,203	640	263	83	0	1	3,189
Sonoma	Contra Costa	1,359	369	261	0	0	1	1,989
Sonoma	Solano	1,017	200	72	0	0	6	1,296
Sonoma	Napa	1,867	262	45	0	2	6	2,183
Sonoma	Sonoma	191,537	20,926	4,885	4,139	3,075	9,891	234,454
Sonoma	Marin	16,091	3,809	1,198	328	12	4	21,443
Marin	San Francisco	29,186	7,424	2,301	12,490	270	114	51,785
Marin	San Mateo	4,345	685	154	141	3	2	5,329
Marin	Santa Clara	1,041	108	105	0	0	1	1,255
Marin	Alameda	7,680	637	498	470	0	2	9,287
Marin	Contra Costa	3,604	838	368	33	0	0	4,844
Marin	Solano	1,281	206	80	0	0	0	1,567
Marin	Napa	633	44	30	0	0	0	707
Marin	Sonoma	7,199	868	239	55	5	1	8,369
Marin	Marin	82,733	9,133	1,981	2,949	1,412	5,870	104,078
<b>Bay Area</b>	<b>Bay Area</b>	<b>3,264,940</b>	<b>471,849</b>	<b>148,489</b>	<b>470,374</b>	<b>45,982</b>	<b>163,759</b>	<b>4,565,409</b>
San Francisco	Bay Area	222,505	50,966	17,951	210,266	4,847	51,527	558,063
San Mateo	Bay Area	398,878	57,897	14,190	38,230	4,219	13,984	527,398
Santa Clara	Bay Area	955,430	126,066	27,012	41,153	15,422	27,373	1,192,460
Alameda	Bay Area	651,733	91,616	33,889	99,397	11,351	34,892	922,878
Contra Costa	Bay Area	447,692	61,045	24,883	51,598	2,937	12,512	600,669
Solano	Bay Area	168,766	28,690	14,049	4,907	1,424	4,645	222,484
Napa	Bay Area	60,678	7,368	2,502	1,139	1,003	2,920	75,611
Sonoma	Bay Area	221,556	28,258	8,257	7,546	3,089	9,916	278,625
Marin	Bay Area	137,702	19,943	5,756	16,138	1,690	5,990	187,221
Bay Area	San Francisco	315,612	81,465	44,427	322,004	4,996	51,748	820,254
Bay Area	San Mateo	369,272	50,752	15,258	16,940	3,543	13,900	469,665
Bay Area	Santa Clara	1,022,200	136,654	29,023	40,536	16,236	27,393	1,272,043
Bay Area	Alameda	663,352	90,246	25,998	68,317	11,529	35,323	894,766
Bay Area	Contra Costa	370,405	45,298	15,224	11,471	2,653	12,054	457,109
Bay Area	Solano	137,980	18,275	5,676	1,893	1,417	4,649	169,892
Bay Area	Napa	56,199	7,159	2,267	781	1,006	2,921	70,334
Bay Area	Sonoma	210,843	24,394	5,968	4,275	3,086	9,893	258,461
Bay Area	Marin	119,077	17,606	4,648	4,157	1,516	5,878	152,885
<b>Bay Area</b>	<b>Bay Area</b>	<b>3,264,940</b>	<b>471,849</b>	<b>148,489</b>	<b>470,374</b>	<b>45,982</b>	<b>163,759</b>	<b>4,565,409</b>

**Table C.2**  
**County-to-County Home-Based Work Trips by Mode, 2000 Base Year**

County of Production	County of Attraction	Drive Alone	Shared	Shared	Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
San Francisco	San Francisco	180,348	42,845	13,081	193,449	13,791	67,103	510,618
San Francisco	San Mateo	56,514	7,608	2,264	4,737	442	512	72,077
San Francisco	Santa Clara	18,384	3,371	1,554	2,080	26	116	25,532
San Francisco	Alameda	20,971	3,611	1,345	7,288	0	0	33,215
San Francisco	Contra Costa	5,341	839	613	1,071	0	0	7,864
San Francisco	Solano	305	166	75	0	0	0	547
San Francisco	Napa	282	63	19	0	0	0	364
San Francisco	Sonoma	703	57	111	34	0	0	905
San Francisco	Marin	6,404	1,077	365	1,324	213	179	9,562
San Mateo	San Francisco	64,303	13,318	5,468	40,889	220	440	124,638
San Mateo	San Mateo	265,519	31,759	9,526	7,342	3,049	12,020	329,215
San Mateo	Santa Clara	89,364	9,757	2,124	4,473	1,461	607	107,786
San Mateo	Alameda	21,978	2,781	1,238	1,613	56	42	27,707
San Mateo	Contra Costa	2,605	237	120	174	0	0	3,136
San Mateo	Solano	280	88	34	0	0	0	402
San Mateo	Napa	95	2	4	0	0	0	101
San Mateo	Sonoma	402	150	216	0	0	0	768
San Mateo	Marin	940	272	80	36	1	0	1,328
Santa Clara	San Francisco	8,338	1,493	678	3,257	34	76	13,877
Santa Clara	San Mateo	51,147	6,996	914	2,835	554	200	62,646
Santa Clara	Santa Clara	949,095	120,432	29,517	46,342	16,657	21,709	1,183,752
Santa Clara	Alameda	49,693	5,233	2,522	627	192	154	58,421
Santa Clara	Contra Costa	3,626	357	382	6	0	0	4,370
Santa Clara	Solano	575	101	36	0	0	0	712
Santa Clara	Napa	93	37	4	0	0	0	134
Santa Clara	Sonoma	318	126	32	0	0	0	476
Santa Clara	Marin	775	108	83	0	0	0	967
Alameda	San Francisco	29,395	7,822	12,647	84,848	53	2	134,766
Alameda	San Mateo	36,025	8,856	3,357	1,769	200	392	50,600
Alameda	Santa Clara	98,840	15,900	4,320	2,819	254	255	122,388
Alameda	Alameda	510,751	72,923	22,615	44,662	12,568	31,544	695,062
Alameda	Contra Costa	47,356	4,923	1,989	2,918	241	316	57,742
Alameda	Solano	1,480	347	515	34	0	0	2,375
Alameda	Napa	355	31	25	0	0	0	411
Alameda	Sonoma	1,187	124	146	0	0	0	1,458
Alameda	Marin	4,150	808	360	135	0	0	5,453
Contra Costa	San Francisco	22,759	7,282	8,736	54,161	0	38	92,977
Contra Costa	San Mateo	10,399	1,640	1,441	823	0	57	14,361
Contra Costa	Santa Clara	14,044	3,269	875	640	41	1	18,869
Contra Costa	Alameda	128,065	18,435	5,137	14,573	534	302	167,045
Contra Costa	Contra Costa	314,412	36,489	10,867	9,453	2,773	9,750	383,744
Contra Costa	Solano	8,504	875	430	81	3	0	9,893
Contra Costa	Napa	1,447	548	156	0	0	0	2,151
Contra Costa	Sonoma	939	217	76	0	0	0	1,233
Contra Costa	Marin	7,413	1,622	1,025	412	0	0	10,473
Solano	San Francisco	6,721	2,460	4,437	2,827	0	0	16,445
Solano	San Mateo	2,392	529	962	178	0	0	4,062
Solano	Santa Clara	2,072	1,297	124	0	0	0	3,493
Solano	Alameda	16,198	2,781	2,393	1,186	0	0	22,559
Solano	Contra Costa	31,664	4,561	2,788	369	0	0	39,382
Solano	Solano	120,902	14,631	3,998	2,753	918	4,003	147,206
Solano	Napa	14,453	2,083	1,303	94	129	54	18,116
Solano	Sonoma	2,928	598	566	0	23	0	4,115
Solano	Marin	6,078	1,211	643	31	17	0	7,980

**Table C.2**  
**County-to-County Home-Based Work Trips by Mode, 2000 Base Year**

County of Production	County of Attraction	Drive Alone	Shared	Shared	Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
Napa	San Francisco	1,343	311	290	687	0	1	2,631
Napa	San Mateo	599	204	89	0	0	0	892
Napa	Santa Clara	364	435	66	0	0	0	865
Napa	Alameda	1,861	302	181	48	0	0	2,392
Napa	Contra Costa	3,254	543	180	1	0	0	3,978
Napa	Solano	5,806	652	92	31	16	9	6,607
Napa	Napa	49,928	7,208	3,078	845	767	3,666	65,492
Napa	Sonoma	3,833	203	444	0	7	0	4,488
Napa	Marin	1,171	183	178	0	0	0	1,531
Sonoma	San Francisco	15,408	4,122	3,077	3,906	2	271	26,786
Sonoma	San Mateo	4,170	413	411	286	1	46	5,326
Sonoma	Santa Clara	1,851	214	231	0	0	139	2,435
Sonoma	Alameda	2,743	581	164	63	0	0	3,552
Sonoma	Contra Costa	2,200	142	194	0	0	0	2,537
Sonoma	Solano	2,061	99	106	0	0	6	2,273
Sonoma	Napa	3,940	475	135	0	6	10	4,565
Sonoma	Sonoma	222,852	26,800	6,323	4,120	2,849	11,805	274,748
Sonoma	Marin	19,456	3,768	880	645	43	62	24,852
Marin	San Francisco	25,250	6,313	1,599	14,537	477	138	48,315
Marin	San Mateo	5,176	952	136	161	13	8	6,447
Marin	Santa Clara	1,815	197	221	2	0	0	2,234
Marin	Alameda	7,077	733	227	291	0	0	8,328
Marin	Contra Costa	4,775	459	239	133	0	0	5,605
Marin	Solano	1,180	48	44	0	0	0	1,273
Marin	Napa	535	55	37	0	0	0	628
Marin	Sonoma	6,643	589	238	214	10	9	7,702
Marin	Marin	91,705	10,858	2,292	3,846	1,669	5,951	116,321
<b>Bay Area</b>	<b>Bay Area</b>	<b>3,726,323</b>	<b>532,005</b>	<b>185,488</b>	<b>572,159</b>	<b>60,310</b>	<b>171,993</b>	<b>5,248,282</b>
San Francisco	Bay Area	289,252	59,637	19,427	209,983	14,472	67,910	660,684
San Mateo	Bay Area	445,486	58,364	18,810	54,527	4,787	13,109	595,081
Santa Clara	Bay Area	1,063,660	134,883	34,168	53,067	17,437	22,139	1,325,355
Alameda	Bay Area	729,539	111,734	45,974	137,185	13,316	32,509	1,070,255
Contra Costa	Bay Area	507,982	70,377	28,743	80,143	3,351	10,148	700,746
Solano	Bay Area	203,408	30,151	17,214	7,438	1,087	4,057	263,358
Napa	Bay Area	68,159	10,041	4,598	1,612	790	3,676	88,876
Sonoma	Bay Area	274,681	36,614	11,521	9,020	2,901	12,339	347,074
Marin	Bay Area	144,156	20,204	5,033	19,184	2,169	6,106	196,853
Bay Area	San Francisco	353,865	85,966	50,013	398,561	14,577	68,069	971,053
Bay Area	San Mateo	431,941	58,957	19,100	18,131	4,259	13,235	545,626
Bay Area	Santa Clara	1,175,829	154,872	39,032	56,356	18,439	22,827	1,467,354
Bay Area	Alameda	759,337	107,380	35,822	70,351	13,350	32,042	1,018,281
Bay Area	Contra Costa	415,233	48,550	17,372	14,125	3,014	10,066	508,358
Bay Area	Solano	141,093	17,007	5,330	2,899	937	4,018	171,288
Bay Area	Napa	71,128	10,502	4,761	939	902	3,730	91,962
Bay Area	Sonoma	239,805	28,864	8,152	4,368	2,889	11,814	295,893
Bay Area	Marin	138,092	19,907	5,906	6,429	1,943	6,192	178,467
<b>Bay Area</b>	<b>Bay Area</b>	<b>3,726,323</b>	<b>532,005</b>	<b>185,488</b>	<b>572,159</b>	<b>60,310</b>	<b>171,993</b>	<b>5,248,282</b>

**Table C.3**  
**County-to-County Home-Based Work Trips by Mode, 2006 Forecast Year**

County of Production	County of Attraction	Drive Alone	Shared	Shared	Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
San Francisco	San Francisco	169,917	40,604	12,292	185,912	12,739	61,708	483,172
San Francisco	San Mateo	57,094	7,590	2,276	6,144	413	558	74,075
San Francisco	Santa Clara	16,415	2,745	1,227	2,530	17	46	22,980
San Francisco	Alameda	19,289	3,438	1,283	6,796	0	0	30,806
San Francisco	Contra Costa	4,442	718	515	892	0	0	6,567
San Francisco	Solano	188	108	47	0	0	0	343
San Francisco	Napa	179	40	13	0	0	0	233
San Francisco	Sonoma	306	20	43	4	0	0	373
San Francisco	Marin	5,125	984	284	649	185	123	7,351
San Mateo	San Francisco	56,146	11,669	4,888	39,244	231	368	112,545
San Mateo	San Mateo	244,838	28,566	8,321	6,440	2,690	10,040	300,895
San Mateo	Santa Clara	83,889	8,957	1,846	3,779	1,395	516	100,382
San Mateo	Alameda	17,513	2,179	891	2,256	45	33	22,917
San Mateo	Contra Costa	1,967	154	95	201	0	0	2,416
San Mateo	Solano	176	46	17	0	0	0	239
San Mateo	Napa	51	1	2	0	0	0	54
San Mateo	Sonoma	160	67	56	0	0	0	283
San Mateo	Marin	730	146	59	14	0	0	949
Santa Clara	San Francisco	6,072	997	428	3,255	9	27	10,788
Santa Clara	San Mateo	52,531	7,354	985	3,181	553	174	64,778
Santa Clara	Santa Clara	944,421	123,529	29,067	43,663	16,500	21,152	1,178,332
Santa Clara	Alameda	48,005	4,915	2,461	805	245	184	56,615
Santa Clara	Contra Costa	2,992	262	324	8	0	0	3,587
Santa Clara	Solano	288	50	14	0	0	0	353
Santa Clara	Napa	56	16	2	0	0	0	73
Santa Clara	Sonoma	113	51	8	0	0	0	172
Santa Clara	Marin	557	50	69	0	0	0	675
Alameda	San Francisco	29,800	8,712	14,103	95,936	49	3	148,604
Alameda	San Mateo	44,665	11,624	4,373	6,742	285	531	68,219
Alameda	Santa Clara	119,228	21,504	5,848	3,440	283	289	150,593
Alameda	Alameda	519,022	75,288	23,326	45,403	13,085	31,705	707,830
Alameda	Contra Costa	45,826	4,703	1,839	2,828	245	290	55,731
Alameda	Solano	994	234	348	39	0	0	1,615
Alameda	Napa	257	20	22	0	0	0	299
Alameda	Sonoma	592	76	54	0	0	0	721
Alameda	Marin	3,340	665	310	51	0	0	4,366
Contra Costa	San Francisco	25,414	8,949	10,931	67,431	0	71	112,797
Contra Costa	San Mateo	13,186	2,283	1,999	2,427	1	90	19,986
Contra Costa	Santa Clara	17,411	5,330	1,604	1,701	58	1	26,106
Contra Costa	Alameda	138,922	20,892	5,860	16,262	586	325	182,847
Contra Costa	Contra Costa	328,227	38,925	11,665	9,253	2,976	10,098	401,146
Contra Costa	Solano	6,442	678	295	106	136	0	7,659
Contra Costa	Napa	1,187	474	161	0	1	0	1,823
Contra Costa	Sonoma	485	130	34	0	0	0	649
Contra Costa	Marin	6,523	1,458	942	185	0	0	9,108
Solano	San Francisco	8,695	3,408	7,395	3,922	0	1	23,422
Solano	San Mateo	4,254	1,001	2,065	635	0	1	7,956
Solano	Santa Clara	3,867	3,441	550	1	0	0	7,859
Solano	Alameda	22,952	4,484	4,111	1,634	7	5	33,192
Solano	Contra Costa	39,149	5,969	4,206	351	72	7	49,753
Solano	Solano	129,459	15,809	4,276	2,878	996	4,360	157,777
Solano	Napa	16,934	2,451	1,590	66	132	70	21,243
Solano	Sonoma	2,199	455	395	0	11	0	3,060
Solano	Marin	6,292	1,356	728	7	12	0	8,395

**Table C.3**  
**County-to-County Home-Based Work Trips by Mode, 2006 Forecast Year**

County of Production	County of Attraction	Drive Alone	Shared		Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
Napa	San Francisco	1,850	449	408	1,227	0	2	3,937
Napa	San Mateo	992	391	233	3	0	0	1,618
Napa	Santa Clara	746	874	216	0	0	0	1,837
Napa	Alameda	2,747	478	338	117	0	0	3,680
Napa	Contra Costa	4,255	536	255	2	1	0	5,050
Napa	Solano	6,301	699	97	28	12	9	7,146
Napa	Napa	50,214	6,969	3,043	672	732	3,241	64,872
Napa	Sonoma	2,894	151	345	0	5	0	3,395
Napa	Marin	1,128	246	144	0	0	0	1,518
Sonoma	San Francisco	14,898	4,108	3,128	4,572	2	251	26,959
Sonoma	San Mateo	5,072	616	825	66	0	51	6,630
Sonoma	Santa Clara	5,027	757	1,046	0	0	602	7,432
Sonoma	Alameda	4,724	1,428	476	40	0	1	6,668
Sonoma	Contra Costa	3,780	271	419	0	0	0	4,470
Sonoma	Solano	2,708	133	143	0	1	10	2,994
Sonoma	Napa	5,190	643	178	0	7	12	6,031
Sonoma	Sonoma	241,860	28,947	6,750	3,273	3,273	12,696	296,798
Sonoma	Marin	26,920	5,744	1,365	195	50	103	34,377
Marin	San Francisco	26,491	7,303	1,843	15,234	531	172	51,575
Marin	San Mateo	5,202	1,026	150	345	12	7	6,742
Marin	Santa Clara	2,304	267	373	9	0	0	2,954
Marin	Alameda	8,180	955	310	316	0	0	9,760
Marin	Contra Costa	5,132	536	294	106	0	0	6,069
Marin	Solano	1,009	47	39	0	0	0	1,094
Marin	Napa	445	42	29	0	0	0	517
Marin	Sonoma	4,147	374	166	61	8	8	4,765
Marin	Marin	89,009	11,081	2,298	2,720	1,651	5,683	112,442
<b>Bay Area</b>	<b>Bay Area</b>	<b>3,792,007</b>	<b>560,646</b>	<b>201,454</b>	<b>596,057</b>	<b>60,242</b>	<b>165,624</b>	<b>5,376,039</b>
San Francisco	Bay Area	272,955	56,247	17,980	202,927	13,354	62,435	625,900
San Mateo	Bay Area	405,470	51,785	16,175	51,934	4,361	10,957	540,680
Santa Clara	Bay Area	1,055,035	137,224	33,358	50,912	17,307	21,537	1,315,373
Alameda	Bay Area	763,724	122,826	50,223	154,439	13,947	32,818	1,137,978
Contra Costa	Bay Area	537,797	79,119	33,491	97,365	3,758	10,585	762,121
Solano	Bay Area	233,801	38,374	25,316	9,494	1,230	4,444	312,657
Napa	Bay Area	71,127	10,793	5,079	2,049	750	3,252	93,053
Sonoma	Bay Area	310,179	42,647	14,330	8,146	3,333	13,726	392,359
Marin	Bay Area	141,919	21,631	5,502	18,791	2,202	5,870	195,918
Bay Area	San Francisco	339,283	86,199	55,416	416,733	13,561	62,603	973,799
Bay Area	San Mateo	427,834	60,451	21,227	25,983	3,954	11,452	550,899
Bay Area	Santa Clara	1,193,308	167,404	41,777	55,123	18,253	22,606	1,498,475
Bay Area	Alameda	781,354	114,057	39,056	73,629	13,968	32,253	1,054,315
Bay Area	Contra Costa	435,770	52,074	19,612	13,641	3,294	10,395	534,789
Bay Area	Solano	147,565	17,804	5,276	3,051	1,145	4,379	179,220
Bay Area	Napa	74,513	10,656	5,040	738	872	3,323	95,145
Bay Area	Sonoma	252,756	30,271	7,851	3,338	3,297	12,704	310,216
Bay Area	Marin	139,624	21,730	6,199	3,821	1,898	5,909	179,181
<b>Bay Area</b>	<b>Bay Area</b>	<b>3,792,007</b>	<b>560,646</b>	<b>201,454</b>	<b>596,057</b>	<b>60,242</b>	<b>165,624</b>	<b>5,376,039</b>

**Table C.4**  
**County-to-County Home-Based Work Trips by Mode, 2015 Forecast Year**

County of Production	County of Attraction	Drive Alone	Shared	Shared	Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
San Francisco	San Francisco	186,958	46,457	14,059	219,499	15,307	70,972	553,253
San Francisco	San Mateo	56,314	7,587	2,192	6,450	487	606	73,637
San Francisco	Santa Clara	13,168	2,097	882	3,832	5	13	19,998
San Francisco	Alameda	20,551	3,650	1,362	7,658	0	0	33,221
San Francisco	Contra Costa	4,466	733	516	951	0	0	6,665
San Francisco	Solano	172	96	41	0	0	0	310
San Francisco	Napa	168	37	13	0	0	0	218
San Francisco	Sonoma	246	20	39	5	0	0	311
San Francisco	Marin	5,373	994	293	949	184	113	7,906
San Mateo	San Francisco	61,604	13,498	5,750	44,828	299	461	126,438
San Mateo	San Mateo	284,797	33,990	9,831	8,230	3,472	12,512	352,832
San Mateo	Santa Clara	89,554	9,864	2,043	4,991	1,640	548	108,641
San Mateo	Alameda	18,252	2,308	934	2,520	56	41	24,113
San Mateo	Contra Costa	1,942	158	99	231	0	0	2,429
San Mateo	Solano	148	39	15	0	0	0	202
San Mateo	Napa	44	1	2	0	0	0	46
San Mateo	Sonoma	134	54	45	0	0	0	232
San Mateo	Marin	725	165	61	29	0	0	981
Santa Clara	San Francisco	5,756	922	419	4,895	9	26	12,028
Santa Clara	San Mateo	64,564	9,267	1,279	5,111	737	226	81,183
Santa Clara	Santa Clara	1,122,848	149,656	35,145	62,786	21,262	26,258	1,417,956
Santa Clara	Alameda	56,739	6,036	3,122	1,243	366	251	67,755
Santa Clara	Contra Costa	3,242	320	398	10	0	0	3,971
Santa Clara	Solano	243	40	14	0	0	0	296
Santa Clara	Napa	46	17	1	0	0	0	64
Santa Clara	Sonoma	104	53	9	0	0	0	166
Santa Clara	Marin	553	59	66	0	0	0	678
Alameda	San Francisco	30,164	9,568	15,888	121,961	64	6	177,652
Alameda	San Mateo	50,458	13,425	4,997	9,812	374	515	79,582
Alameda	Santa Clara	136,176	24,641	7,458	5,417	351	385	174,429
Alameda	Alameda	588,094	85,189	26,317	56,213	15,557	35,828	807,199
Alameda	Contra Costa	48,723	5,033	1,967	3,332	293	330	59,678
Alameda	Solano	939	230	352	39	0	0	1,561
Alameda	Napa	252	22	23	0	0	0	297
Alameda	Sonoma	584	89	61	0	0	0	734
Alameda	Marin	3,405	703	337	132	0	0	4,578
Contra Costa	San Francisco	26,964	10,460	13,191	91,685	0	99	142,399
Contra Costa	San Mateo	15,189	2,647	2,538	4,012	1	103	24,490
Contra Costa	Santa Clara	22,914	6,413	2,825	1,732	138	4	34,027
Contra Costa	Alameda	159,276	24,116	7,050	20,356	700	385	211,882
Contra Costa	Contra Costa	386,583	45,471	13,603	12,298	3,650	12,104	473,708
Contra Costa	Solano	6,493	685	294	108	113	0	7,693
Contra Costa	Napa	1,283	518	167	0	2	0	1,970
Contra Costa	Sonoma	470	141	36	0	0	0	646
Contra Costa	Marin	7,208	1,598	1,038	438	0	0	10,283
Solano	San Francisco	9,415	4,089	9,553	5,942	0	2	29,001
Solano	San Mateo	6,044	1,448	3,513	1,016	0	3	12,023
Solano	Santa Clara	6,416	4,403	1,442	1	0	0	12,262
Solano	Alameda	26,975	5,361	5,567	2,353	11	8	40,275
Solano	Contra Costa	42,844	6,720	4,936	376	87	10	54,973
Solano	Solano	154,817	18,929	5,037	3,448	1,252	5,410	188,893
Solano	Napa	21,142	3,006	2,027	167	190	96	26,627
Solano	Sonoma	2,514	581	455	0	19	0	3,569
Solano	Marin	7,208	1,609	867	46	13	0	9,744

**Table C.4**  
**County-to-County Home-Based Work Trips by Mode, 2015 Forecast Year**

County of Production	County of Attraction	Drive Alone	Shared	Shared	Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
Napa	San Francisco	2,075	590	516	1,860	0	6	5,046
Napa	San Mateo	1,393	442	339	5	0	0	2,179
Napa	Santa Clara	1,224	1,103	444	0	0	0	2,771
Napa	Alameda	3,272	550	453	151	0	1	4,427
Napa	Contra Costa	4,746	550	294	3	2	0	5,595
Napa	Solano	7,389	818	116	38	16	12	8,390
Napa	Napa	54,999	7,489	3,293	844	789	3,218	70,631
Napa	Sonoma	3,001	163	367	3	6	0	3,540
Napa	Marin	1,265	270	150	0	0	0	1,685
Sonoma	San Francisco	9,513	3,271	2,523	4,577	2	102	19,989
Sonoma	San Mateo	5,587	1,102	1,147	38	0	48	7,922
Sonoma	Santa Clara	6,543	1,496	2,382	0	0	1,137	11,558
Sonoma	Alameda	4,558	2,160	772	38	0	1	7,529
Sonoma	Contra Costa	3,983	361	589	0	0	0	4,934
Sonoma	Solano	2,816	156	153	0	1	9	3,134
Sonoma	Napa	5,456	669	175	1	7	12	6,320
Sonoma	Sonoma	279,557	32,964	7,533	3,806	3,925	14,488	342,272
Sonoma	Marin	27,754	8,073	1,935	750	45	97	38,654
Marin	San Francisco	27,711	8,464	2,085	18,446	704	198	57,608
Marin	San Mateo	4,957	992	129	350	14	10	6,453
Marin	Santa Clara	2,293	268	335	11	0	0	2,908
Marin	Alameda	9,262	1,033	313	414	0	0	11,022
Marin	Contra Costa	5,635	580	314	168	0	0	6,697
Marin	Solano	994	41	38	0	0	0	1,073
Marin	Napa	417	42	28	0	0	0	487
Marin	Sonoma	3,919	355	168	87	9	9	4,547
Marin	Marin	101,543	12,392	2,474	4,205	1,911	6,401	128,926
<b>Bay Area</b>	<b>Bay Area</b>	<b>4,343,123</b>	<b>651,607</b>	<b>239,234</b>	<b>750,897</b>	<b>74,070</b>	<b>193,064</b>	<b>6,252,002</b>
San Francisco	Bay Area	287,416	61,671	19,397	239,344	15,983	71,704	695,519
San Mateo	Bay Area	457,200	60,077	18,780	60,829	5,467	13,562	615,914
Santa Clara	Bay Area	1,254,095	166,370	40,453	74,045	22,374	26,761	1,584,097
Alameda	Bay Area	858,795	138,900	57,400	196,906	16,639	37,064	1,305,710
Contra Costa	Bay Area	626,380	92,049	40,742	130,629	4,604	12,695	907,098
Solano	Bay Area	277,375	46,146	33,397	13,349	1,572	5,529	377,367
Napa	Bay Area	79,364	11,975	5,972	2,904	813	3,237	104,264
Sonoma	Bay Area	345,767	50,252	17,209	9,210	3,980	15,894	442,312
Marin	Bay Area	156,731	24,167	5,884	23,681	2,638	6,618	219,721
Bay Area	San Francisco	360,160	97,319	63,984	513,693	16,385	71,872	1,123,414
Bay Area	San Mateo	489,303	70,900	25,965	35,024	5,085	14,023	640,301
Bay Area	Santa Clara	1,401,136	199,941	52,956	78,770	23,396	28,345	1,784,550
Bay Area	Alameda	886,979	130,403	45,890	90,946	16,690	36,515	1,207,423
Bay Area	Contra Costa	502,164	59,926	22,716	17,369	4,032	12,444	618,650
Bay Area	Solano	174,011	21,034	6,060	3,633	1,382	5,431	211,552
Bay Area	Napa	83,807	11,801	5,729	1,012	988	3,326	106,660
Bay Area	Sonoma	290,529	34,420	8,713	3,901	3,959	14,497	356,017
Bay Area	Marin	155,034	25,863	7,221	6,549	2,153	6,611	203,435
<b>Bay Area</b>	<b>Bay Area</b>	<b>4,343,123</b>	<b>651,607</b>	<b>239,234</b>	<b>750,897</b>	<b>74,070</b>	<b>193,064</b>	<b>6,252,002</b>

**Table C.5**  
**County-to-County Home-Based Work Trips by Mode, 2025 Forecast Year**

County of Production	County of Attraction	Drive Alone	Shared	Shared	Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
San Francisco	San Francisco	210,175	53,190	15,765	244,659	18,134	80,884	622,807
San Francisco	San Mateo	55,481	7,698	2,129	6,672	620	694	73,295
San Francisco	Santa Clara	12,004	2,060	820	3,719	5	21	18,628
San Francisco	Alameda	21,781	3,916	1,473	8,192	0	0	35,362
San Francisco	Contra Costa	5,087	863	594	1,163	0	0	7,707
San Francisco	Solano	184	100	44	1	0	0	330
San Francisco	Napa	168	37	14	0	0	0	219
San Francisco	Sonoma	340	49	76	9	0	3	476
San Francisco	Marin	7,373	1,425	440	1,375	276	184	11,072
San Mateo	San Francisco	67,529	14,909	6,191	49,412	380	521	138,943
San Mateo	San Mateo	323,998	39,587	11,193	10,075	4,372	15,524	404,748
San Mateo	Santa Clara	95,251	10,772	2,189	5,585	2,001	589	116,386
San Mateo	Alameda	18,743	2,412	959	2,751	74	51	24,991
San Mateo	Contra Costa	2,053	172	106	292	0	0	2,623
San Mateo	Solano	144	39	16	0	0	0	199
San Mateo	Napa	40	1	2	0	0	0	43
San Mateo	Sonoma	195	72	79	0	0	0	346
San Mateo	Marin	915	238	83	52	1	0	1,289
Santa Clara	San Francisco	6,529	1,101	495	6,014	11	40	14,190
Santa Clara	San Mateo	75,656	11,522	1,575	6,661	951	270	96,635
Santa Clara	Santa Clara	1,276,541	176,536	40,360	75,939	26,433	32,059	1,627,868
Santa Clara	Alameda	66,408	7,445	3,855	1,628	549	329	80,214
Santa Clara	Contra Costa	3,619	388	490	12	0	0	4,509
Santa Clara	Solano	237	41	16	0	0	0	295
Santa Clara	Napa	41	19	2	0	0	0	62
Santa Clara	Sonoma	197	105	27	0	0	0	329
Santa Clara	Marin	678	103	85	0	0	0	867
Alameda	San Francisco	32,903	11,148	18,874	161,026	95	10	224,055
Alameda	San Mateo	60,468	17,650	6,454	14,106	626	679	99,984
Alameda	Santa Clara	156,668	31,166	10,177	7,884	500	575	206,970
Alameda	Alameda	697,543	104,032	32,205	67,924	20,385	43,498	965,587
Alameda	Contra Costa	59,030	6,384	2,504	4,421	437	448	73,225
Alameda	Solano	1,122	298	466	53	1	0	1,939
Alameda	Napa	291	29	31	0	0	0	351
Alameda	Sonoma	1,198	224	208	0	0	0	1,630
Alameda	Marin	4,887	1,178	552	273	0	0	6,890
Contra Costa	San Francisco	27,123	11,109	14,128	109,022	0	125	161,508
Contra Costa	San Mateo	15,970	2,776	2,913	5,749	2	92	27,503
Contra Costa	Santa Clara	25,180	7,435	3,792	3,183	283	10	39,883
Contra Costa	Alameda	165,085	25,105	7,533	21,686	783	435	220,628
Contra Costa	Contra Costa	456,974	52,802	15,545	14,147	4,595	14,965	559,028
Contra Costa	Solano	7,192	765	318	111	103	0	8,489
Contra Costa	Napa	1,331	546	156	0	2	0	2,035
Contra Costa	Sonoma	752	267	73	0	0	0	1,092
Contra Costa	Marin	9,681	2,254	1,452	685	0	0	14,073
Solano	San Francisco	8,839	4,347	10,759	8,023	0	5	31,972
Solano	San Mateo	8,194	2,063	6,360	1,468	0	10	18,095
Solano	Santa Clara	9,388	4,816	2,667	3	0	3	16,878
Solano	Alameda	26,229	5,435	6,497	2,875	15	11	41,061
Solano	Contra Costa	44,302	7,043	5,468	381	109	13	57,316
Solano	Solano	184,102	22,657	5,867	4,187	1,602	6,928	225,343
Solano	Napa	24,510	3,428	2,420	193	236	112	30,898
Solano	Sonoma	4,682	1,184	919	0	73	3	6,860
Solano	Marin	8,986	2,184	1,308	73	22	0	12,574

**Table C.5  
County-to-County Home-Based Work Trips by Mode, 2025 Forecast Year**

County of Production	County of Attraction	Drive Alone	Shared	Shared	Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
Napa	San Francisco	1,840	610	514	2,225	0	8	5,196
Napa	San Mateo	1,804	403	437	8	0	0	2,652
Napa	Santa Clara	1,482	1,115	712	0	0	1	3,310
Napa	Alameda	3,049	496	504	160	0	1	4,210
Napa	Contra Costa	4,812	497	312	3	2	0	5,626
Napa	Solano	8,424	926	134	43	20	15	9,561
Napa	Napa	58,777	7,783	3,484	929	816	3,161	74,951
Napa	Sonoma	4,028	227	500	5	8	1	4,768
Napa	Marin	1,467	320	185	0	0	0	1,972
Sonoma	San Francisco	5,498	1,603	1,213	2,984	1	52	11,351
Sonoma	San Mateo	5,395	832	722	31	0	28	7,008
Sonoma	Santa Clara	6,013	1,142	1,894	0	0	1,313	10,362
Sonoma	Alameda	3,170	1,453	495	27	0	1	5,147
Sonoma	Contra Costa	3,178	215	392	0	0	0	3,785
Sonoma	Solano	2,251	118	94	0	1	7	2,469
Sonoma	Napa	4,405	518	123	0	5	9	5,061
Sonoma	Sonoma	319,692	37,473	8,235	4,262	4,854	16,928	391,444
Sonoma	Marin	24,786	6,510	1,525	549	40	81	33,491
Marin	San Francisco	25,652	8,343	1,926	16,873	725	157	53,676
Marin	San Mateo	4,228	853	95	277	14	8	5,476
Marin	Santa Clara	1,729	211	206	8	0	0	2,153
Marin	Alameda	8,740	930	232	370	0	0	10,273
Marin	Contra Costa	5,621	578	296	185	0	0	6,680
Marin	Solano	920	26	33	0	0	0	980
Marin	Napa	336	37	24	0	0	0	397
Marin	Sonoma	5,025	476	223	115	11	12	5,863
Marin	Marin	118,003	14,531	2,639	4,622	2,244	7,414	149,452
<b>Bay Area</b>	<b>Bay Area</b>	<b>4,924,322</b>	<b>751,351</b>	<b>275,873</b>	<b>885,360</b>	<b>92,417</b>	<b>228,288</b>	<b>7,157,614</b>
San Francisco	Bay Area	312,593	69,338	21,355	265,790	19,035	81,786	769,896
San Mateo	Bay Area	508,868	68,202	20,818	68,167	6,828	16,685	689,568
Santa Clara	Bay Area	1,429,906	197,260	46,905	90,254	27,944	32,698	1,824,969
Alameda	Bay Area	1,014,110	172,109	71,471	255,687	22,044	45,210	1,580,631
Contra Costa	Bay Area	709,288	103,059	45,910	154,583	5,768	15,627	1,034,239
Solano	Bay Area	319,232	53,157	42,265	17,203	2,057	7,085	440,997
Napa	Bay Area	85,683	12,377	6,782	3,373	846	3,187	112,246
Sonoma	Bay Area	374,388	49,864	14,693	7,853	4,901	18,419	470,118
Marin	Bay Area	170,254	25,985	5,674	22,450	2,994	7,591	234,950
Bay Area	San Francisco	386,088	106,360	69,865	600,238	19,346	81,802	1,263,698
Bay Area	San Mateo	551,194	83,384	31,878	45,047	6,585	17,305	735,396
Bay Area	Santa Clara	1,584,256	235,253	62,817	96,321	29,222	34,571	2,042,438
Bay Area	Alameda	1,010,748	151,224	53,753	105,613	21,806	44,326	1,387,473
Bay Area	Contra Costa	584,676	68,942	25,707	20,604	5,143	15,426	720,499
Bay Area	Solano	204,576	24,970	6,988	4,395	1,727	6,950	249,605
Bay Area	Napa	89,899	12,398	6,256	1,122	1,059	3,282	114,017
Bay Area	Sonoma	336,109	40,077	10,340	4,391	4,946	16,947	412,808
Bay Area	Marin	176,776	28,743	8,269	7,629	2,583	7,679	231,680
<b>Bay Area</b>	<b>Bay Area</b>	<b>4,924,322</b>	<b>751,351</b>	<b>275,873</b>	<b>885,360</b>	<b>92,417</b>	<b>228,288</b>	<b>7,157,614</b>

**Table C.6**  
**County-to-County Home-Based Work Trips by Mode, 2030 Forecast Year**

County of Production	County of Attraction	Drive Alone	Shared	Shared	Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
San Francisco	San Francisco	222,201	57,301	16,809	263,059	19,788	86,811	665,970
San Francisco	San Mateo	55,969	7,953	2,147	6,922	706	750	74,447
San Francisco	Santa Clara	12,295	2,241	901	4,070	8	51	19,567
San Francisco	Alameda	24,105	4,426	1,689	9,193	0	0	39,414
San Francisco	Contra Costa	5,947	1,034	716	1,448	0	0	9,145
San Francisco	Solano	211	115	53	1	0	0	380
San Francisco	Napa	182	41	16	0	0	0	239
San Francisco	Sonoma	392	59	94	10	0	4	560
San Francisco	Marin	8,687	1,732	535	1,676	345	240	13,215
San Mateo	San Francisco	72,387	16,045	6,744	47,952	423	566	144,116
San Mateo	San Mateo	338,584	41,803	11,664	10,647	4,700	16,553	423,950
San Mateo	Santa Clara	97,108	11,176	2,250	5,797	2,150	584	119,065
San Mateo	Alameda	19,961	2,647	1,065	2,744	87	78	26,582
San Mateo	Contra Costa	2,252	185	119	292	0	0	2,847
San Mateo	Solano	155	43	17	0	0	0	215
San Mateo	Napa	40	1	2	0	0	0	43
San Mateo	Sonoma	223	86	94	0	0	0	403
San Mateo	Marin	1,018	277	95	65	1	0	1,455
Santa Clara	San Francisco	7,270	1,343	608	7,609	15	69	16,915
Santa Clara	San Mateo	80,549	12,687	1,728	7,457	1,083	297	103,801
Santa Clara	Santa Clara	1,348,564	191,534	43,192	83,571	29,313	35,379	1,731,553
Santa Clara	Alameda	72,188	8,400	4,329	1,814	663	377	87,772
Santa Clara	Contra Costa	3,797	426	540	14	0	0	4,777
Santa Clara	Solano	253	49	19	0	0	0	321
Santa Clara	Napa	41	20	2	0	0	0	63
Santa Clara	Sonoma	232	133	42	0	0	0	407
Santa Clara	Marin	731	124	96	0	0	0	951
Alameda	San Francisco	32,134	11,299	19,297	174,242	106	12	237,090
Alameda	San Mateo	62,530	18,991	6,850	16,093	751	762	105,976
Alameda	Santa Clara	160,824	33,228	11,367	9,592	586	684	216,281
Alameda	Alameda	743,970	112,992	34,856	73,329	23,100	47,668	1,035,915
Alameda	Contra Costa	62,866	6,942	2,703	4,962	513	496	78,482
Alameda	Solano	1,254	346	544	61	1	0	2,206
Alameda	Napa	303	33	33	0	0	0	369
Alameda	Sonoma	1,362	262	280	0	0	0	1,904
Alameda	Marin	5,351	1,352	605	350	0	0	7,659
Contra Costa	San Francisco	25,971	11,050	14,170	111,482	0	135	162,808
Contra Costa	San Mateo	15,407	2,752	2,937	6,263	3	84	27,446
Contra Costa	Santa Clara	25,346	8,333	4,439	4,953	404	16	43,491
Contra Costa	Alameda	166,596	25,991	7,823	22,121	856	480	223,868
Contra Costa	Contra Costa	488,249	56,312	16,426	14,789	5,079	16,429	597,285
Contra Costa	Solano	7,776	834	343	112	101	0	9,167
Contra Costa	Napa	1,331	551	141	0	2	0	2,026
Contra Costa	Sonoma	836	291	89	0	0	0	1,216
Contra Costa	Marin	10,389	2,454	1,538	738	0	0	15,119
Solano	San Francisco	8,344	4,110	9,900	8,484	0	5	30,843
Solano	San Mateo	9,526	2,391	7,352	1,576	0	16	20,861
Solano	Santa Clara	10,265	4,912	3,264	4	0	6	18,450
Solano	Alameda	25,099	5,392	6,255	2,980	16	12	39,754
Solano	Contra Costa	43,338	6,969	5,339	362	116	14	56,138
Solano	Solano	197,612	24,331	6,150	4,523	1,775	7,607	241,998
Solano	Napa	25,082	3,452	2,485	192	258	119	31,588
Solano	Sonoma	5,336	1,375	1,087	0	89	4	7,891
Solano	Marin	8,969	2,270	1,320	78	22	0	12,658

**Table C.6**  
**County-to-County Home-Based Work Trips by Mode, 2030 Forecast Year**

County of Production	County of Attraction	Drive Alone	Shared	Shared	Transit	Bicycle	Walk	Total
			Ride 2-person	Ride 3-or-More				
Napa	San Francisco	1,695	585	478	2,255	0	9	5,023
Napa	San Mateo	2,116	394	452	8	0	0	2,970
Napa	Santa Clara	1,636	1,095	821	0	0	1	3,553
Napa	Alameda	2,915	476	462	152	0	1	4,006
Napa	Contra Costa	4,831	480	302	3	2	0	5,618
Napa	Solano	9,164	1,007	146	46	22	16	10,401
Napa	Napa	60,223	7,875	3,557	960	821	3,123	76,558
Napa	Sonoma	4,362	250	555	5	9	1	5,182
Napa	Marin	1,483	335	186	0	0	0	2,004
Sonoma	San Francisco	4,449	1,314	974	2,541	1	48	9,326
Sonoma	San Mateo	5,543	792	677	30	0	24	7,067
Sonoma	Santa Clara	5,816	1,074	1,844	0	0	1,401	10,136
Sonoma	Alameda	2,796	1,311	449	24	0	1	4,579
Sonoma	Contra Costa	3,001	184	347	0	0	0	3,531
Sonoma	Solano	2,213	113	84	0	1	6	2,418
Sonoma	Napa	4,171	477	109	0	4	8	4,770
Sonoma	Sonoma	333,129	39,009	8,429	4,397	5,269	17,914	408,147
Sonoma	Marin	22,768	5,869	1,360	482	37	73	30,590
Marin	San Francisco	24,614	8,271	1,870	16,366	755	149	52,026
Marin	San Mateo	3,903	789	83	262	15	8	5,060
Marin	Santa Clara	1,517	193	172	7	0	0	1,889
Marin	Alameda	8,944	966	224	397	0	0	10,531
Marin	Contra Costa	5,994	620	306	205	0	0	7,125
Marin	Solano	974	25	36	0	0	0	1,034
Marin	Napa	322	37	24	0	0	0	383
Marin	Sonoma	5,479	529	223	115	12	12	6,370
Marin	Marin	125,215	15,481	2,702	4,843	2,395	7,949	158,585
<b>Bay Area</b>	<b>Bay Area</b>	<b>5,170,681</b>	<b>800,647</b>	<b>290,031</b>	<b>944,725</b>	<b>102,403</b>	<b>247,052</b>	<b>7,555,544</b>
San Francisco	Bay Area	329,989	74,902	22,960	286,379	20,847	87,856	822,937
San Mateo	Bay Area	531,728	72,263	22,050	67,497	7,361	17,781	718,676
Santa Clara	Bay Area	1,513,625	214,716	50,556	100,465	31,074	36,122	1,946,560
Alameda	Bay Area	1,070,594	185,445	76,535	278,629	25,057	49,622	1,685,882
Contra Costa	Bay Area	741,901	108,568	47,906	160,458	6,445	17,144	1,082,426
Solano	Bay Area	333,571	55,202	43,152	18,199	2,276	7,783	460,181
Napa	Bay Area	88,425	12,497	6,959	3,429	854	3,151	115,315
Sonoma	Bay Area	383,886	50,143	14,273	7,474	5,312	19,475	480,564
Marin	Bay Area	176,962	26,911	5,640	22,195	3,177	8,118	243,003
Bay Area	San Francisco	399,065	111,318	70,850	633,990	21,088	87,804	1,324,117
Bay Area	San Mateo	574,127	88,552	33,890	49,258	7,258	18,494	771,578
Bay Area	Santa Clara	1,663,371	253,786	68,250	107,994	32,461	38,122	2,163,985
Bay Area	Alameda	1,066,574	162,601	57,152	112,754	24,722	48,617	1,472,421
Bay Area	Contra Costa	620,275	73,152	26,798	22,075	5,710	16,939	764,948
Bay Area	Solano	219,612	26,863	7,392	4,743	1,900	7,629	268,140
Bay Area	Napa	91,695	12,487	6,369	1,152	1,085	3,250	116,039
Bay Area	Sonoma	351,351	41,994	10,893	4,527	5,379	17,935	432,080
Bay Area	Marin	184,611	29,894	8,437	8,232	2,800	8,262	242,236
<b>Bay Area</b>	<b>Bay Area</b>	<b>5,170,681</b>	<b>800,647</b>	<b>290,031</b>	<b>944,725</b>	<b>102,403</b>	<b>247,052</b>	<b>7,555,544</b>

**Table C.7**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 1990 Base Year**

County of Production	County of Attraction	Auto					Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle	Walk	
San Francisco	San Francisco	583,921	762,739	558,773	13,809	497,502	1,832,822
San Francisco	San Mateo	154,574	197,715	14,553	1,180	2,159	215,606
San Francisco	Santa Clara	21,536	26,760	1,882	36	3	28,680
San Francisco	Alameda	51,496	65,273	15,903	0	2	81,178
San Francisco	Contra Costa	15,435	19,746	3,222	0	0	22,969
San Francisco	Solano	2,168	2,983	27	0	0	3,010
San Francisco	Napa	602	765	0	0	0	765
San Francisco	Sonoma	3,211	3,962	127	0	0	4,089
San Francisco	Marin	26,000	33,080	2,871	190	4	36,145
San Mateo	San Francisco	220,862	282,134	36,586	4,190	2,283	325,193
San Mateo	San Mateo	1,026,872	1,351,477	29,458	20,893	157,499	1,559,327
San Mateo	Santa Clara	170,192	207,185	4,096	5,609	2,101	218,991
San Mateo	Alameda	40,753	49,681	1,604	32	3	51,320
San Mateo	Contra Costa	7,607	9,143	365	0	0	9,508
San Mateo	Solano	909	1,182	0	0	0	1,182
San Mateo	Napa	266	307	0	0	0	307
San Mateo	Sonoma	932	1,164	0	0	0	1,164
San Mateo	Marin	5,768	7,647	16	13	0	7,676
Santa Clara	San Francisco	24,005	31,915	3,697	7	15	35,634
Santa Clara	San Mateo	120,776	151,655	3,005	1,341	981	156,982
Santa Clara	Santa Clara	3,084,050	4,131,426	103,021	72,492	301,927	4,608,866
Santa Clara	Alameda	79,791	100,790	912	330	72	102,104
Santa Clara	Contra Costa	8,321	11,002	1	0	0	11,003
Santa Clara	Solano	826	989	0	0	0	989
Santa Clara	Napa	224	241	0	0	0	241
Santa Clara	Sonoma	716	786	0	0	0	786
Santa Clara	Marin	1,572	1,968	0	0	0	1,968
Alameda	San Francisco	75,256	100,967	63,115	0	11	164,092
Alameda	San Mateo	66,841	83,102	1,562	109	12	84,785
Alameda	Santa Clara	114,780	139,920	2,088	615	162	142,784
Alameda	Alameda	1,788,682	2,406,709	151,926	50,542	381,193	2,990,370
Alameda	Contra Costa	98,007	119,543	6,590	989	1,003	128,125
Alameda	Solano	7,406	8,943	48	0	0	8,991
Alameda	Napa	1,663	1,993	0	0	0	1,993
Alameda	Sonoma	3,805	4,511	0	0	0	4,511
Alameda	Marin	7,303	8,958	43	0	0	9,001
Contra Costa	San Francisco	61,449	84,680	39,084	0	2	123,766
Contra Costa	San Mateo	16,977	21,131	527	0	8	21,666
Contra Costa	Santa Clara	14,249	17,248	9	1	0	17,258
Contra Costa	Alameda	202,936	248,343	14,968	1,094	1,297	265,702
Contra Costa	Contra Costa	1,164,732	1,606,747	22,928	10,452	136,673	1,776,800
Contra Costa	Solano	30,174	38,816	135	1	0	38,952
Contra Costa	Napa	4,369	5,547	0	0	0	5,547
Contra Costa	Sonoma	5,471	6,629	0	0	0	6,629
Contra Costa	Marin	9,722	12,040	28	0	0	12,068
Solano	San Francisco	12,865	19,264	2,647	0	2	21,912
Solano	San Mateo	3,702	5,123	259	0	1	5,382
Solano	Santa Clara	1,802	2,531	0	0	0	2,531
Solano	Alameda	20,586	27,262	675	0	1	27,938
Solano	Contra Costa	44,414	55,894	443	0	1	56,338
Solano	Solano	460,122	661,276	14,756	6,737	65,652	748,421
Solano	Napa	8,887	10,911	0	44	2	10,956
Solano	Sonoma	4,915	6,641	0	1	0	6,642
Solano	Marin	4,674	6,464	1	0	0	6,465

**Table C.7**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 1990 Base Year**

County of Production	County of Attraction	Auto					Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle	Walk	
Napa	San Francisco	2,521	3,521	402	0	1	3,923
Napa	San Mateo	437	540	0	0	0	540
Napa	Santa Clara	727	856	0	0	0	856
Napa	Alameda	3,174	3,948	10	0	0	3,958
Napa	Contra Costa	4,249	5,275	0	0	0	5,275
Napa	Solano	9,023	10,760	0	41	5	10,806
Napa	Napa	171,664	229,691	4,877	4,478	28,782	267,828
Napa	Sonoma	9,853	12,236	0	36	1	12,272
Napa	Marin	1,871	2,266	0	0	0	2,267
Sonoma	San Francisco	10,120	13,120	3,091	0	6	16,218
Sonoma	San Mateo	1,683	2,002	25	0	1	2,029
Sonoma	Santa Clara	1,110	1,338	0	0	0	1,338
Sonoma	Alameda	4,294	5,424	86	0	1	5,511
Sonoma	Contra Costa	2,654	3,388	0	0	1	3,389
Sonoma	Solano	2,040	2,524	0	2	6	2,532
Sonoma	Napa	6,119	7,835	0	71	6	7,912
Sonoma	Sonoma	670,577	905,450	22,270	17,978	69,977	1,015,675
Sonoma	Marin	22,819	27,426	393	55	4	27,878
Marin	San Francisco	59,942	72,223	16,232	737	114	89,306
Marin	San Mateo	8,124	9,428	160	15	2	9,605
Marin	Santa Clara	2,398	2,721	0	0	1	2,722
Marin	Alameda	11,606	13,082	567	0	2	13,650
Marin	Contra Costa	6,206	7,434	39	0	0	7,473
Marin	Solano	2,710	3,204	0	2	0	3,206
Marin	Napa	1,132	1,289	0	0	0	1,290
Marin	Sonoma	15,274	17,810	169	39	1	18,019
Marin	Marin	363,637	465,457	15,336	10,056	49,099	539,948
<b>Bay Area</b>	<b>Bay Area</b>	<b>11,285,138</b>	<b>14,995,156</b>	<b>1,165,608</b>	<b>224,217</b>	<b>1,698,581</b>	<b>18,083,556</b>
San Francisco	Bay Area	858,943	1,113,023	597,358	15,215	499,670	2,225,264
San Mateo	Bay Area	1,474,161	1,909,920	72,125	30,737	161,886	2,174,668
Santa Clara	Bay Area	3,320,281	4,430,772	110,636	74,170	302,995	4,918,573
Alameda	Bay Area	2,163,743	2,874,646	225,372	52,255	382,381	3,534,652
Contra Costa	Bay Area	1,510,079	2,041,181	77,679	11,548	137,980	2,268,388
Solano	Bay Area	561,967	795,366	18,781	6,782	65,659	886,585
Napa	Bay Area	203,519	269,093	5,289	4,555	28,789	307,725
Sonoma	Bay Area	721,416	968,507	25,865	18,106	70,002	1,082,482
Marin	Bay Area	471,029	592,648	32,503	10,849	49,219	685,219
Bay Area	San Francisco	1,050,941	1,370,563	723,627	18,743	499,936	2,612,866
Bay Area	San Mateo	1,399,986	1,822,173	49,549	23,538	160,663	2,055,922
Bay Area	Santa Clara	3,410,844	4,529,985	111,096	78,753	304,194	5,024,026
Bay Area	Alameda	2,203,318	2,920,512	186,651	51,998	382,571	3,541,731
Bay Area	Contra Costa	1,351,625	1,838,172	33,588	11,441	137,678	2,020,880
Bay Area	Solano	515,378	730,677	14,966	6,783	65,663	818,089
Bay Area	Napa	194,926	258,579	4,877	4,593	28,790	296,839
Bay Area	Sonoma	714,754	959,189	22,566	18,054	69,979	1,069,787
Bay Area	Marin	443,366	565,306	18,688	10,314	49,107	643,416
<b>Bay Area</b>	<b>Bay Area</b>	<b>11,285,138</b>	<b>14,995,156</b>	<b>1,165,608</b>	<b>224,217</b>	<b>1,698,581</b>	<b>18,083,556</b>

**Table C.8**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 2000 Base Year**

County of Production	County of Attraction	Vehicle Driver	Auto (Persons-in-Vehicles)	Transit	Bicycle	Walk	Total
San Francisco	San Francisco	706,528	910,649	515,044	29,520	674,810	2,130,023
San Francisco	San Mateo	184,007	229,405	11,500	2,076	3,895	246,877
San Francisco	Santa Clara	34,054	39,737	2,067	66	176	42,046
San Francisco	Alameda	53,030	65,922	13,401	0	0	79,322
San Francisco	Contra Costa	16,430	20,942	1,669	0	0	22,612
San Francisco	Solano	1,677	2,207	2	0	0	2,209
San Francisco	Napa	807	986	0	0	0	986
San Francisco	Sonoma	2,079	2,542	39	0	0	2,581
San Francisco	Marin	18,463	22,926	2,014	351	126	25,417
San Mateo	San Francisco	231,013	294,247	50,162	5,059	2,594	352,063
San Mateo	San Mateo	1,157,595	1,548,584	18,407	26,725	174,193	1,767,910
San Mateo	Santa Clara	196,087	234,730	5,235	3,594	4,060	247,619
San Mateo	Alameda	43,526	52,073	1,556	96	38	53,762
San Mateo	Contra Costa	6,924	8,431	166	0	0	8,598
San Mateo	Solano	953	1,183	0	0	0	1,183
San Mateo	Napa	387	451	0	0	0	451
San Mateo	Sonoma	1,320	1,669	0	0	0	1,669
San Mateo	Marin	3,871	4,965	32	18	0	5,014
Santa Clara	San Francisco	20,078	25,588	3,290	33	65	28,977
Santa Clara	San Mateo	152,434	190,110	5,063	1,530	1,102	197,806
Santa Clara	Santa Clara	3,559,456	4,783,799	147,106	97,588	303,064	5,331,557
Santa Clara	Alameda	110,830	135,322	1,016	696	275	137,309
Santa Clara	Contra Costa	10,792	13,672	8	0	0	13,681
Santa Clara	Solano	1,487	1,724	0	0	0	1,724
Santa Clara	Napa	670	801	0	0	0	801
Santa Clara	Sonoma	2,398	2,908	0	0	0	2,908
Santa Clara	Marin	1,936	2,309	0	0	0	2,309
Alameda	San Francisco	71,849	95,925	104,883	58	2	200,867
Alameda	San Mateo	78,052	96,990	2,311	270	338	99,909
Alameda	Santa Clara	156,898	186,176	3,346	709	369	190,600
Alameda	Alameda	2,089,729	2,858,999	127,665	63,103	402,838	3,452,604
Alameda	Contra Costa	128,929	158,448	5,845	1,494	1,668	167,455
Alameda	Solano	5,949	7,784	44	0	0	7,828
Alameda	Napa	1,632	1,984	0	0	0	1,984
Alameda	Sonoma	3,565	4,279	0	0	0	4,279
Alameda	Marin	7,649	9,232	160	0	0	9,392
Contra Costa	San Francisco	46,873	62,652	56,474	0	38	119,164
Contra Costa	San Mateo	18,554	22,322	945	0	31	23,299
Contra Costa	Santa Clara	21,496	25,791	608	35	0	26,434
Contra Costa	Alameda	227,211	270,101	18,619	1,110	1,017	290,847
Contra Costa	Contra Costa	1,416,001	2,003,410	24,411	18,501	153,807	2,200,129
Contra Costa	Solano	27,597	35,507	101	7	0	35,616
Contra Costa	Napa	4,953	6,400	1	0	0	6,401
Contra Costa	Sonoma	4,144	5,179	0	0	0	5,179
Contra Costa	Marin	11,777	14,563	460	0	0	15,023
Solano	San Francisco	14,571	21,470	4,107	0	1	25,578
Solano	San Mateo	4,588	6,036	183	0	0	6,219
Solano	Santa Clara	4,448	6,072	0	0	0	6,072
Solano	Alameda	22,938	27,876	1,245	0	0	29,121
Solano	Contra Costa	53,647	65,798	438	1	0	66,237
Solano	Solano	529,457	786,216	10,778	10,543	69,415	876,953
Solano	Napa	15,759	18,607	120	144	87	18,958
Solano	Sonoma	4,857	6,146	0	20	0	6,167
Solano	Marin	8,747	10,594	35	16	0	10,645

**Table C.8**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 2000 Base Year**

County of Production	County of Attraction	Auto					Walk	Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle			
Napa	San Francisco	2,396	2,983	625	0	1	3,608	
Napa	San Mateo	1,358	1,644	0	0	0	1,644	
Napa	Santa Clara	1,424	1,879	0	0	0	1,879	
Napa	Alameda	3,141	3,753	43	0	0	3,796	
Napa	Contra Costa	6,119	7,457	2	0	0	7,458	
Napa	Solano	8,984	10,650	42	75	49	10,815	
Napa	Napa	199,434	277,189	2,165	5,449	30,628	315,432	
Napa	Sonoma	11,866	14,897	0	118	0	15,015	
Napa	Marin	1,877	2,291	0	1	0	2,292	
Sonoma	San Francisco	9,805	11,782	3,627	0	17	15,426	
Sonoma	San Mateo	4,149	4,822	31	0	4	4,856	
Sonoma	Santa Clara	5,227	6,357	0	0	139	6,496	
Sonoma	Alameda	6,278	7,413	73	0	0	7,486	
Sonoma	Contra Costa	5,082	5,918	0	0	0	5,918	
Sonoma	Solano	3,848	4,376	0	5	7	4,388	
Sonoma	Napa	15,529	19,472	0	212	11	19,695	
Sonoma	Sonoma	790,518	1,105,377	8,320	25,165	67,495	1,206,357	
Sonoma	Marin	34,030	39,165	934	109	69	40,276	
Marin	San Francisco	55,303	65,711	18,532	1,094	130	85,467	
Marin	San Mateo	7,103	8,282	86	26	12	8,407	
Marin	Santa Clara	3,354	3,813	2	0	0	3,815	
Marin	Alameda	9,857	10,930	330	0	0	11,260	
Marin	Contra Costa	7,221	8,221	147	0	0	8,368	
Marin	Solano	2,307	2,639	0	1	0	2,641	
Marin	Napa	1,162	1,346	0	1	0	1,347	
Marin	Sonoma	11,609	13,456	199	57	8	13,720	
Marin	Marin	418,872	550,948	9,689	12,952	45,010	618,600	
<b>Bay Area</b>	<b>Bay Area</b>	<b>13,128,555</b>	<b>17,605,210</b>	<b>1,185,403</b>	<b>308,628</b>	<b>1,937,589</b>	<b>21,036,836</b>	
San Francisco	Bay Area	1,017,075	1,295,316	545,736	32,013	679,007	2,552,073	
San Mateo	Bay Area	1,641,676	2,146,333	75,558	35,492	180,885	2,438,269	
Santa Clara	Bay Area	3,860,081	5,156,233	156,483	99,847	304,506	5,717,072	
Alameda	Bay Area	2,544,252	3,419,817	244,254	65,634	405,215	4,134,918	
Contra Costa	Bay Area	1,778,606	2,445,925	101,619	19,653	154,893	2,722,092	
Solano	Bay Area	659,012	948,815	16,906	10,724	69,503	1,045,950	
Napa	Bay Area	236,599	322,743	2,877	5,643	30,678	361,939	
Sonoma	Bay Area	874,466	1,204,682	12,985	25,491	67,742	1,310,898	
Marin	Bay Area	516,788	665,346	28,985	14,131	45,160	753,625	
Bay Area	San Francisco	1,158,416	1,491,007	756,744	35,764	677,658	2,961,173	
Bay Area	San Mateo	1,607,840	2,108,195	38,526	30,627	179,575	2,356,927	
Bay Area	Santa Clara	3,982,444	5,288,354	158,364	101,992	307,808	5,856,518	
Bay Area	Alameda	2,566,540	3,432,389	163,948	65,005	404,168	4,065,507	
Bay Area	Contra Costa	1,651,145	2,292,297	32,686	19,996	155,475	2,500,456	
Bay Area	Solano	582,259	852,286	10,967	10,631	69,471	943,357	
Bay Area	Napa	240,333	327,236	2,286	5,806	30,726	366,055	
Bay Area	Sonoma	832,356	1,156,453	8,558	25,360	67,503	1,257,875	
Bay Area	Marin	507,222	656,993	13,324	13,447	45,205	728,968	
<b>Bay Area</b>	<b>Bay Area</b>	<b>13,128,555</b>	<b>17,605,210</b>	<b>1,185,403</b>	<b>308,628</b>	<b>1,937,589</b>	<b>21,036,836</b>	

**Table C.9**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 2006 Forecast Year**

County of Production	County of Attraction	Auto					Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle	Walk	
San Francisco	San Francisco	733,205	953,845	525,161	30,781	716,410	2,226,197
San Francisco	San Mateo	170,766	212,268	11,522	1,949	4,102	229,842
San Francisco	Santa Clara	25,119	29,379	2,680	18	46	32,123
San Francisco	Alameda	53,090	66,790	13,533	0	0	80,323
San Francisco	Contra Costa	16,141	20,959	1,487	0	0	22,447
San Francisco	Solano	1,528	2,023	7	0	0	2,030
San Francisco	Napa	657	820	0	0	0	820
San Francisco	Sonoma	1,811	2,246	11	0	0	2,257
San Francisco	Marin	18,771	23,785	1,133	381	124	25,424
San Mateo	San Francisco	235,090	303,394	49,474	5,423	2,597	360,888
San Mateo	San Mateo	1,218,059	1,635,788	14,159	27,955	188,708	1,866,610
San Mateo	Santa Clara	187,438	226,075	4,462	3,637	4,313	238,486
San Mateo	Alameda	39,892	48,826	2,303	98	33	51,261
San Mateo	Contra Costa	6,893	8,685	201	0	0	8,886
San Mateo	Solano	841	1,054	0	0	0	1,054
San Mateo	Napa	363	435	0	0	0	435
San Mateo	Sonoma	1,177	1,456	0	0	0	1,456
San Mateo	Marin	4,015	5,234	14	23	0	5,272
Santa Clara	San Francisco	21,964	28,744	3,843	12	27	32,626
Santa Clara	San Mateo	160,093	200,061	4,714	1,592	1,153	207,520
Santa Clara	Santa Clara	3,728,851	5,069,399	145,192	103,747	328,327	5,646,664
Santa Clara	Alameda	119,425	150,487	1,199	813	301	152,802
Santa Clara	Contra Costa	13,766	18,490	34	0	0	18,524
Santa Clara	Solano	1,331	1,653	0	0	0	1,653
Santa Clara	Napa	838	1,065	0	0	0	1,065
Santa Clara	Sonoma	2,867	3,672	0	0	0	3,672
Santa Clara	Marin	1,771	2,175	0	0	0	2,175
Alameda	San Francisco	62,016	84,131	108,752	49	3	192,935
Alameda	San Mateo	75,366	92,886	6,963	350	531	100,730
Alameda	Santa Clara	187,408	221,334	3,943	811	426	226,513
Alameda	Alameda	2,225,441	3,054,700	141,482	67,054	432,600	3,695,836
Alameda	Contra Costa	138,305	172,592	6,321	1,651	1,845	182,408
Alameda	Solano	5,700	7,546	75	3	0	7,623
Alameda	Napa	1,635	2,036	0	1	0	2,037
Alameda	Sonoma	3,230	3,928	0	0	0	3,928
Alameda	Marin	6,568	8,025	60	0	0	8,085
Contra Costa	San Francisco	44,544	60,796	69,999	0	71	130,866
Contra Costa	San Mateo	19,091	23,045	2,468	1	90	25,603
Contra Costa	Santa Clara	28,164	34,637	1,748	59	1	36,445
Contra Costa	Alameda	234,116	277,336	20,201	1,157	1,060	299,755
Contra Costa	Contra Costa	1,545,855	2,184,734	23,217	19,864	169,376	2,397,191
Contra Costa	Solano	28,010	36,937	158	216	8	37,319
Contra Costa	Napa	5,175	6,826	0	9	0	6,835
Contra Costa	Sonoma	4,230	5,437	0	0	0	5,437
Contra Costa	Marin	10,523	13,068	209	0	0	13,277
Solano	San Francisco	14,471	22,303	4,006	0	1	26,310
Solano	San Mateo	6,318	8,627	636	0	1	9,263
Solano	Santa Clara	8,229	11,840	1	0	0	11,841
Solano	Alameda	30,526	37,373	1,691	8	5	39,077
Solano	Contra Costa	59,866	72,892	398	163	8	73,461
Solano	Solano	598,623	887,526	11,912	11,590	79,515	990,543
Solano	Napa	21,789	25,656	105	164	122	26,047
Solano	Sonoma	4,753	6,118	0	11	0	6,130
Solano	Marin	8,972	10,948	7	13	0	10,968

**Table C.9**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 2006 Forecast Year**

County of Production	County of Attraction	Auto					Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle	Walk	
Napa	San Francisco	2,716	3,379	1,228	0	2	4,610
Napa	San Mateo	1,705	2,174	3	0	0	2,176
Napa	Santa Clara	2,321	3,199	0	0	0	3,199
Napa	Alameda	4,179	4,980	118	1	0	5,099
Napa	Contra Costa	7,286	8,669	3	20	0	8,692
Napa	Solano	9,979	11,840	36	71	55	12,002
Napa	Napa	216,304	300,531	2,067	5,414	32,454	340,465
Napa	Sonoma	12,438	15,672	0	109	0	15,781
Napa	Marin	1,890	2,303	0	1	0	2,304
Sonoma	San Francisco	19,754	24,674	4,576	2	251	29,503
Sonoma	San Mateo	7,137	8,458	66	0	51	8,575
Sonoma	Santa Clara	9,377	11,596	0	0	602	12,197
Sonoma	Alameda	7,534	9,124	40	0	1	9,165
Sonoma	Contra Costa	5,723	6,669	0	0	0	6,669
Sonoma	Solano	4,066	4,648	0	4	10	4,661
Sonoma	Napa	16,522	20,787	0	213	12	21,012
Sonoma	Sonoma	871,942	1,208,501	12,317	27,217	74,484	1,322,519
Sonoma	Marin	33,542	38,735	195	104	103	39,138
Marin	San Francisco	46,758	55,941	15,829	1,113	173	73,056
Marin	San Mateo	8,595	9,886	348	32	7	10,273
Marin	Santa Clara	4,047	4,668	9	0	0	4,678
Marin	Alameda	10,528	11,716	320	0	0	12,036
Marin	Contra Costa	7,677	8,823	109	0	0	8,932
Marin	Solano	2,247	2,629	0	2	0	2,631
Marin	Napa	1,110	1,306	0	2	0	1,307
Marin	Sonoma	12,481	14,911	79	61	8	15,060
Marin	Marin	441,675	583,769	6,422	13,830	48,444	652,465
<b>Bay Area</b>	<b>Bay Area</b>	<b>13,914,219</b>	<b>18,771,673</b>	<b>1,229,246</b>	<b>327,799</b>	<b>2,088,461</b>	<b>22,417,180</b>
San Francisco	Bay Area	1,021,088	1,312,115	555,534	33,129	720,682	2,621,463
San Mateo	Bay Area	1,693,768	2,230,947	70,613	37,136	195,651	2,534,348
Santa Clara	Bay Area	4,050,906	5,475,746	154,982	106,164	329,808	6,066,701
Alameda	Bay Area	2,705,669	3,647,178	267,596	69,919	435,405	4,420,095
Contra Costa	Bay Area	1,919,708	2,642,816	118,000	21,306	170,606	2,952,728
Solano	Bay Area	753,547	1,083,283	18,756	11,949	79,652	1,193,640
Napa	Bay Area	258,818	352,747	3,455	5,616	32,511	394,328
Sonoma	Bay Area	975,597	1,333,192	17,194	27,540	75,514	1,453,439
Marin	Bay Area	535,118	693,649	23,116	15,040	48,632	780,438
Bay Area	San Francisco	1,180,518	1,537,207	782,868	37,380	719,535	3,076,991
Bay Area	San Mateo	1,667,130	2,193,193	40,879	31,879	194,643	2,460,592
Bay Area	Santa Clara	4,180,954	5,612,127	158,035	108,272	333,715	6,212,146
Bay Area	Alameda	2,724,731	3,661,332	180,887	69,131	434,000	4,345,354
Bay Area	Contra Costa	1,801,512	2,502,513	31,770	21,698	171,229	2,727,210
Bay Area	Solano	652,325	955,856	12,188	11,886	79,588	1,059,516
Bay Area	Napa	264,393	359,462	2,172	5,803	32,588	400,023
Bay Area	Sonoma	914,929	1,261,941	12,407	27,398	74,492	1,376,240
Bay Area	Marin	527,727	688,042	8,040	14,352	48,671	759,108
<b>Bay Area</b>	<b>Bay Area</b>	<b>13,914,219</b>	<b>18,771,673</b>	<b>1,229,246</b>	<b>327,799</b>	<b>2,088,461</b>	<b>22,417,180</b>

**Table C.10**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 2015 Forecast Year**

County of Production	County of Attraction	Auto					Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle	Walk	
San Francisco	San Francisco	785,265	1,036,597	615,572	35,845	817,302	2,505,316
San Francisco	San Mateo	172,431	214,809	12,116	2,015	4,487	233,427
San Francisco	Santa Clara	21,078	24,725	4,015	6	13	28,760
San Francisco	Alameda	55,324	69,674	14,694	0	0	84,369
San Francisco	Contra Costa	16,005	20,832	1,584	0	0	22,416
San Francisco	Solano	1,459	1,938	8	0	0	1,946
San Francisco	Napa	659	828	0	0	0	828
San Francisco	Sonoma	1,613	2,020	9	0	0	2,030
San Francisco	Marin	17,788	22,370	1,531	348	114	24,363
San Mateo	San Francisco	253,938	327,869	55,979	5,991	2,852	392,692
San Mateo	San Mateo	1,354,742	1,804,830	16,652	29,442	206,205	2,057,130
San Mateo	Santa Clara	194,093	233,084	5,709	3,883	4,478	247,154
San Mateo	Alameda	40,099	48,787	2,564	102	41	51,494
San Mateo	Contra Costa	6,424	8,041	231	0	0	8,272
San Mateo	Solano	744	928	0	0	0	928
San Mateo	Napa	331	395	0	0	0	395
San Mateo	Sonoma	1,071	1,316	0	0	0	1,316
San Mateo	Marin	3,717	4,816	30	20	0	4,865
Santa Clara	San Francisco	27,082	36,356	6,563	12	26	42,958
Santa Clara	San Mateo	197,799	248,744	7,083	1,898	1,293	259,019
Santa Clara	Santa Clara	4,191,234	5,651,843	185,128	113,856	364,246	6,315,073
Santa Clara	Alameda	132,006	165,286	1,761	1,004	385	168,436
Santa Clara	Contra Costa	13,327	17,824	10	0	0	17,834
Santa Clara	Solano	1,104	1,334	0	0	0	1,334
Santa Clara	Napa	622	753	0	0	0	753
Santa Clara	Sonoma	2,490	3,090	0	0	0	3,090
Santa Clara	Marin	1,720	2,087	0	0	0	2,087
Alameda	San Francisco	66,102	91,144	139,257	64	6	230,472
Alameda	San Mateo	90,290	112,649	10,167	459	515	123,790
Alameda	Santa Clara	213,102	251,919	6,024	980	540	259,463
Alameda	Alameda	2,433,920	3,305,457	177,062	71,934	466,868	4,021,320
Alameda	Contra Costa	144,980	180,152	7,774	1,750	2,003	191,679
Alameda	Solano	5,555	7,309	81	3	0	7,393
Alameda	Napa	1,679	2,075	0	1	0	2,077
Alameda	Sonoma	3,289	4,001	0	0	0	4,001
Alameda	Marin	6,568	8,013	155	0	0	8,167
Contra Costa	San Francisco	49,002	68,272	95,711	0	99	164,082
Contra Costa	San Mateo	22,314	27,182	4,079	1	103	31,365
Contra Costa	Santa Clara	35,604	43,983	1,743	138	4	45,867
Contra Costa	Alameda	262,332	309,958	25,266	1,305	1,175	337,704
Contra Costa	Contra Costa	1,750,823	2,424,165	30,585	21,031	186,051	2,661,832
Contra Costa	Solano	28,018	37,027	170	186	9	37,391
Contra Costa	Napa	5,266	6,884	1	9	0	6,894
Contra Costa	Sonoma	4,318	5,602	0	0	0	5,602
Contra Costa	Marin	11,251	13,886	493	0	0	14,379
Solano	San Francisco	16,577	26,597	6,077	0	2	32,676
Solano	San Mateo	9,084	12,804	1,017	0	3	13,824
Solano	Santa Clara	12,211	17,399	1	0	0	17,400
Solano	Alameda	35,763	44,311	2,418	12	8	46,749
Solano	Contra Costa	66,102	81,221	426	181	11	81,839
Solano	Solano	702,942	1,023,074	13,695	12,602	91,786	1,141,158
Solano	Napa	26,427	30,790	209	223	142	31,363
Solano	Sonoma	5,412	7,009	0	19	0	7,028
Solano	Marin	10,112	12,335	50	14	0	12,399

**Table C.10**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 2015 Forecast Year**

County of Production	County of Attraction	Auto					Walk	Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle			
Napa	San Francisco	3,221	4,140	1,873	0	6	6,018	
Napa	San Mateo	2,311	2,934	5	0	0	2,940	
Napa	Santa Clara	3,185	4,396	0	0	0	4,396	
Napa	Alameda	5,036	6,080	152	1	1	6,234	
Napa	Contra Costa	8,822	10,669	4	24	0	10,697	
Napa	Solano	12,647	15,171	50	91	70	15,382	
Napa	Napa	235,956	323,214	2,449	5,557	33,703	364,924	
Napa	Sonoma	13,338	16,839	13	113	0	16,965	
Napa	Marin	2,158	2,633	0	1	0	2,634	
Sonoma	San Francisco	14,539	19,074	4,583	2	102	23,762	
Sonoma	San Mateo	8,558	10,590	38	0	48	10,676	
Sonoma	Santa Clara	12,167	16,092	0	0	1,137	17,228	
Sonoma	Alameda	8,116	10,447	38	0	1	10,486	
Sonoma	Contra Costa	6,359	7,620	0	0	0	7,621	
Sonoma	Solano	4,431	5,122	0	5	9	5,136	
Sonoma	Napa	17,207	21,586	2	208	12	21,808	
Sonoma	Sonoma	975,639	1,327,250	12,350	29,062	82,125	1,450,788	
Sonoma	Marin	36,165	43,219	751	104	97	44,170	
Marin	San Francisco	52,788	64,086	19,562	1,329	198	85,176	
Marin	San Mateo	8,718	10,089	353	38	10	10,490	
Marin	Santa Clara	4,260	4,895	11	0	0	4,906	
Marin	Alameda	11,874	13,174	418	0	0	13,592	
Marin	Contra Costa	8,442	9,690	174	0	0	9,864	
Marin	Solano	2,300	2,688	0	2	0	2,691	
Marin	Napa	1,096	1,286	0	2	0	1,287	
Marin	Sonoma	11,162	13,177	105	59	9	13,351	
Marin	Marin	481,193	627,781	10,249	14,326	52,752	705,108	
<b>Bay Area</b>	<b>Bay Area</b>	<b>15,464,896</b>	<b>20,700,336</b>	<b>1,506,880</b>	<b>356,258</b>	<b>2,321,047</b>	<b>24,884,529</b>	
San Francisco	Bay Area	1,071,622	1,393,793	649,529	38,214	821,916	2,903,455	
San Mateo	Bay Area	1,855,159	2,430,066	81,165	39,438	213,576	2,764,246	
Santa Clara	Bay Area	4,567,384	6,127,317	200,545	116,770	365,950	6,810,584	
Alameda	Bay Area	2,965,485	3,962,719	340,520	75,191	469,932	4,848,362	
Contra Costa	Bay Area	2,168,928	2,936,959	158,048	22,670	187,441	3,305,116	
Solano	Bay Area	884,630	1,255,540	23,893	13,051	91,952	1,384,436	
Napa	Bay Area	286,674	386,076	4,546	5,787	33,780	430,190	
Sonoma	Bay Area	1,083,181	1,461,000	17,762	29,381	83,531	1,591,675	
Marin	Bay Area	581,833	746,866	30,872	15,756	52,969	846,465	
Bay Area	San Francisco	1,268,514	1,674,135	945,177	43,243	820,593	3,483,152	
Bay Area	San Mateo	1,866,247	2,444,631	51,510	33,853	212,664	2,742,661	
Bay Area	Santa Clara	4,686,934	6,248,336	202,631	118,863	370,418	6,940,247	
Bay Area	Alameda	2,984,470	3,973,174	224,373	74,358	468,479	4,740,384	
Bay Area	Contra Costa	2,021,284	2,760,214	40,788	22,986	188,065	3,012,054	
Bay Area	Solano	759,200	1,094,591	14,004	12,889	91,874	1,213,359	
Bay Area	Napa	289,243	387,811	2,661	6,000	33,857	430,329	
Bay Area	Sonoma	1,018,332	1,380,304	12,477	29,253	82,134	1,504,171	
Bay Area	Marin	570,672	737,140	13,259	14,813	52,963	818,172	
<b>Bay Area</b>	<b>Bay Area</b>	<b>15,464,896</b>	<b>20,700,336</b>	<b>1,506,880</b>	<b>356,258</b>	<b>2,321,047</b>	<b>24,884,529</b>	

**Table C.11**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 2025 Forecast Year**

County of Production	County of Attraction	Auto					Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle	Walk	
San Francisco	San Francisco	857,913	1,121,842	657,354	38,678	871,936	2,689,811
San Francisco	San Mateo	173,804	216,792	12,470	2,141	4,870	236,273
San Francisco	Santa Clara	19,658	23,181	3,870	6	21	27,078
San Francisco	Alameda	60,396	76,351	15,675	0	0	92,026
San Francisco	Contra Costa	17,727	23,107	1,868	0	0	24,975
San Francisco	Solano	1,572	2,103	10	0	0	2,113
San Francisco	Napa	671	846	0	0	0	847
San Francisco	Sonoma	1,824	2,322	12	0	3	2,337
San Francisco	Marin	20,421	25,498	1,943	427	184	28,051
San Mateo	San Francisco	271,094	349,532	61,898	6,424	3,123	420,977
San Mateo	San Mateo	1,478,122	1,952,453	19,393	30,298	221,102	2,223,246
San Mateo	Santa Clara	204,140	244,540	6,382	4,236	4,765	259,924
San Mateo	Alameda	41,862	51,082	2,802	120	51	54,055
San Mateo	Contra Costa	6,736	8,475	294	0	0	8,769
San Mateo	Solano	752	952	0	0	0	952
San Mateo	Napa	313	375	0	0	0	375
San Mateo	Sonoma	1,138	1,420	0	0	0	1,420
San Mateo	Marin	4,007	5,199	53	20	0	5,272
Santa Clara	San Francisco	28,433	38,126	8,051	14	40	46,231
Santa Clara	San Mateo	226,249	285,016	9,106	2,232	1,453	297,806
Santa Clara	Santa Clara	4,645,913	6,216,212	216,233	122,527	394,508	6,949,480
Santa Clara	Alameda	150,228	188,426	2,245	1,265	473	192,409
Santa Clara	Contra Costa	14,278	19,255	13	0	0	19,269
Santa Clara	Solano	1,112	1,363	0	0	0	1,363
Santa Clara	Napa	604	739	0	0	0	739
Santa Clara	Sonoma	2,999	3,858	0	0	0	3,858
Santa Clara	Marin	1,837	2,227	0	0	0	2,227
Alameda	San Francisco	68,160	95,228	178,021	95	10	273,355
Alameda	San Mateo	106,957	134,147	14,598	744	679	150,168
Alameda	Santa Clara	242,094	287,326	8,488	1,283	739	297,837
Alameda	Alameda	2,734,964	3,678,015	201,319	80,704	515,681	4,475,719
Alameda	Contra Costa	163,205	201,903	9,284	1,989	2,306	215,482
Alameda	Solano	6,206	8,257	98	3	0	8,358
Alameda	Napa	1,764	2,191	0	1	0	2,192
Alameda	Sonoma	4,210	5,186	0	0	0	5,186
Alameda	Marin	8,295	10,113	291	0	0	10,405
Contra Costa	San Francisco	48,217	67,749	113,147	0	125	181,022
Contra Costa	San Mateo	23,702	29,013	5,854	2	92	34,962
Contra Costa	Santa Clara	39,709	49,655	3,192	284	10	53,141
Contra Costa	Alameda	271,487	320,364	26,787	1,392	1,296	349,839
Contra Costa	Contra Costa	1,970,741	2,693,884	33,933	22,542	205,363	2,955,722
Contra Costa	Solano	30,576	40,446	178	178	8	40,811
Contra Costa	Napa	5,519	7,207	1	9	0	7,217
Contra Costa	Sonoma	5,151	6,725	0	0	0	6,725
Contra Costa	Marin	14,093	17,294	726	0	0	18,019
Solano	San Francisco	16,313	27,301	8,173	0	5	35,479
Solano	San Mateo	12,716	18,901	1,471	0	10	20,382
Solano	Santa Clara	16,552	23,241	3	0	3	23,248
Solano	Alameda	35,040	44,109	2,938	16	11	47,073
Solano	Contra Costa	66,634	81,601	427	186	13	82,227
Solano	Solano	801,859	1,152,544	15,795	13,700	104,154	1,286,193
Solano	Napa	30,223	35,082	238	271	157	35,748
Solano	Sonoma	8,400	10,796	0	73	3	10,872
Solano	Marin	12,154	14,890	75	22	0	14,987

**Table C.11**

**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 2025 Forecast Year**

County of Production	County of Attraction	Auto					Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle	Walk	
Napa	San Francisco	2,943	3,839	2,236	0	8	6,083
Napa	San Mateo	2,856	3,566	8	0	0	3,574
Napa	Santa Clara	3,751	5,221	0	0	1	5,222
Napa	Alameda	4,792	5,833	161	2	1	5,996
Napa	Contra Costa	9,024	10,915	4	22	0	10,941
Napa	Solano	14,722	17,718	57	107	84	17,965
Napa	Napa	247,836	338,317	2,619	5,632	34,423	380,991
Napa	Sonoma	16,268	20,648	13	126	1	20,788
Napa	Marin	2,344	2,847	0	1	0	2,848
Sonoma	San Francisco	8,970	11,523	2,989	1	52	14,564
Sonoma	San Mateo	8,521	10,224	31	0	28	10,283
Sonoma	Santa Clara	12,215	15,896	0	0	1,313	17,209
Sonoma	Alameda	6,419	8,206	27	0	1	8,234
Sonoma	Contra Costa	5,358	6,348	0	0	0	6,348
Sonoma	Solano	3,824	4,442	0	4	7	4,453
Sonoma	Napa	15,209	19,134	1	180	9	19,324
Sonoma	Sonoma	1,074,555	1,445,678	12,789	30,635	90,450	1,579,552
Sonoma	Marin	31,488	37,009	549	78	81	37,717
Marin	San Francisco	50,221	61,114	17,958	1,261	157	80,490
Marin	San Mateo	7,996	9,266	280	37	8	9,590
Marin	Santa Clara	3,943	4,510	8	0	0	4,518
Marin	Alameda	11,419	12,630	375	0	0	13,004
Marin	Contra Costa	8,698	10,001	192	0	0	10,193
Marin	Solano	2,380	2,811	0	3	0	2,814
Marin	Napa	1,042	1,235	0	2	0	1,237
Marin	Sonoma	14,961	18,008	135	75	12	18,230
Marin	Marin	522,043	669,809	10,554	14,491	56,300	751,154
<b>Bay Area</b>	<b>Bay Area</b>	<b>17,072,542</b>	<b>22,681,208</b>	<b>1,695,695</b>	<b>384,539</b>	<b>2,516,130</b>	<b>27,277,574</b>
San Francisco	Bay Area	1,153,986	1,492,042	693,202	41,252	877,014	3,103,511
San Mateo	Bay Area	2,008,164	2,614,028	90,822	41,098	229,041	2,974,990
Santa Clara	Bay Area	5,071,653	6,755,222	235,648	126,038	396,474	7,513,382
Alameda	Bay Area	3,335,855	4,422,366	412,099	84,819	519,415	5,438,702
Contra Costa	Bay Area	2,409,195	3,232,337	183,818	24,407	206,894	3,647,458
Solano	Bay Area	999,891	1,408,465	29,120	14,268	104,356	1,556,209
Napa	Bay Area	304,536	408,904	5,098	5,890	34,518	454,408
Sonoma	Bay Area	1,166,559	1,558,460	16,386	30,898	91,941	1,697,684
Marin	Bay Area	622,703	789,384	29,502	15,869	56,477	891,230
Bay Area	San Francisco	1,352,264	1,776,254	1,049,827	46,473	875,456	3,748,012
Bay Area	San Mateo	2,040,923	2,659,378	63,211	35,454	228,242	2,986,284
Bay Area	Santa Clara	5,187,975	6,869,782	238,176	128,336	401,360	7,637,657
Bay Area	Alameda	3,316,607	4,385,016	252,329	83,499	517,514	5,238,355
Bay Area	Contra Costa	2,262,401	3,055,489	46,015	24,739	207,682	3,333,926
Bay Area	Solano	863,003	1,230,636	16,138	13,995	104,253	1,365,022
Bay Area	Napa	303,181	405,126	2,859	6,095	34,589	448,670
Bay Area	Sonoma	1,129,506	1,514,641	12,949	30,909	90,469	1,648,968
Bay Area	Marin	616,682	784,886	14,191	15,039	56,565	870,680
<b>Bay Area</b>	<b>Bay Area</b>	<b>17,072,542</b>	<b>22,681,208</b>	<b>1,695,695</b>	<b>384,539</b>	<b>2,516,130</b>	<b>27,277,574</b>

**Table C.12**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 2030 Forecast Year**

County of Production	County of Attraction	Auto					Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle	Walk	
San Francisco	San Francisco	899,115	1,170,351	688,301	40,402	907,724	2,806,777
San Francisco	San Mateo	176,098	219,949	12,980	2,247	5,116	240,292
San Francisco	Santa Clara	19,954	23,610	4,214	9	51	27,884
San Francisco	Alameda	64,990	82,096	17,008	0	0	99,104
San Francisco	Contra Costa	19,229	25,025	2,218	0	0	27,242
San Francisco	Solano	1,659	2,232	11	0	0	2,244
San Francisco	Napa	688	870	0	0	0	870
San Francisco	Sonoma	1,950	2,494	13	0	4	2,511
San Francisco	Marin	22,094	27,480	2,224	489	240	30,433
San Mateo	San Francisco	279,971	360,288	60,378	6,556	3,237	430,459
San Mateo	San Mateo	1,522,519	2,007,003	20,121	30,502	227,190	2,284,816
San Mateo	Santa Clara	206,015	246,424	6,622	4,357	4,711	262,114
San Mateo	Alameda	43,374	52,832	2,797	131	78	55,837
San Mateo	Contra Costa	6,950	8,716	294	0	0	9,010
San Mateo	Solano	769	975	0	0	0	975
San Mateo	Napa	305	366	0	0	0	366
San Mateo	Sonoma	1,198	1,509	0	0	0	1,509
San Mateo	Marin	4,121	5,337	66	19	0	5,421
Santa Clara	San Francisco	29,644	39,691	9,869	18	69	49,648
Santa Clara	San Mateo	241,112	304,370	10,180	2,410	1,526	318,486
Santa Clara	Santa Clara	4,865,436	6,501,630	235,625	128,769	415,880	7,281,904
Santa Clara	Alameda	159,701	200,144	2,475	1,410	525	204,554
Santa Clara	Contra Costa	14,887	20,154	14	0	0	20,168
Santa Clara	Solano	1,167	1,446	0	0	0	1,446
Santa Clara	Napa	630	780	0	0	0	780
Santa Clara	Sonoma	3,888	5,213	0	0	0	5,213
Santa Clara	Marin	1,912	2,324	0	0	0	2,324
Alameda	San Francisco	67,305	94,669	191,601	106	12	286,388
Alameda	San Mateo	113,181	142,922	16,714	898	762	161,295
Alameda	Santa Clara	250,773	299,065	10,225	1,511	854	311,655
Alameda	Alameda	2,893,586	3,885,747	218,616	86,841	550,425	4,741,629
Alameda	Contra Costa	173,505	215,081	10,234	2,145	2,492	229,952
Alameda	Solano	6,727	9,004	109	3	0	9,117
Alameda	Napa	1,808	2,253	0	1	0	2,255
Alameda	Sonoma	4,662	5,814	0	0	0	5,814
Alameda	Marin	8,878	10,831	368	0	0	11,199
Contra Costa	San Francisco	46,631	65,990	115,536	0	135	181,661
Contra Costa	San Mateo	23,349	28,742	6,388	3	84	35,217
Contra Costa	Santa Clara	40,857	52,043	4,962	406	16	57,427
Contra Costa	Alameda	274,783	324,660	26,788	1,477	1,384	354,308
Contra Costa	Contra Costa	2,072,469	2,830,092	35,047	23,565	216,988	3,105,692
Contra Costa	Solano	33,195	43,797	170	179	8	44,154
Contra Costa	Napa	5,655	7,380	1	9	0	7,389
Contra Costa	Sonoma	5,705	7,513	0	0	0	7,513
Contra Costa	Marin	14,939	18,291	772	0	0	19,064
Solano	San Francisco	15,442	25,685	8,627	0	5	34,318
Solano	San Mateo	14,704	21,817	1,579	0	16	23,411
Solano	Santa Clara	18,099	25,442	4	0	6	25,452
Solano	Alameda	33,783	42,589	3,035	17	12	45,653
Solano	Contra Costa	64,312	77,946	402	176	14	78,538
Solano	Solano	849,282	1,215,552	16,882	14,260	110,643	1,357,337
Solano	Napa	30,942	35,893	239	293	165	36,591
Solano	Sonoma	9,481	12,197	0	89	4	12,291
Solano	Marin	12,126	14,880	79	22	0	14,982

**Table C.12**  
**County-to-County Total Personal Trips (Work + Non-Work) by Mode, 2030 Forecast Year**

County of Production	County of Attraction	Auto					Total
		Vehicle Driver	(Persons-in-Vehicles)	Transit	Bicycle	Walk	
Napa	San Francisco	2,742	3,571	2,264	0	9	5,844
Napa	San Mateo	3,217	3,939	8	0	0	3,947
Napa	Santa Clara	4,030	5,589	0	0	1	5,591
Napa	Alameda	4,588	5,550	153	1	1	5,705
Napa	Contra Costa	8,842	10,615	3	21	0	10,639
Napa	Solano	15,683	18,800	61	111	87	19,059
Napa	Napa	251,590	343,244	2,666	5,615	34,519	386,044
Napa	Sonoma	18,121	23,156	13	131	1	23,301
Napa	Marin	2,328	2,822	0	1	0	2,823
Sonoma	San Francisco	7,585	9,768	2,545	1	48	12,362
Sonoma	San Mateo	8,803	10,496	30	0	24	10,551
Sonoma	Santa Clara	12,385	16,142	0	0	1,401	17,543
Sonoma	Alameda	6,041	7,741	24	0	1	7,766
Sonoma	Contra Costa	5,102	6,014	0	0	0	6,014
Sonoma	Solano	3,757	4,360	0	4	6	4,370
Sonoma	Napa	14,529	18,280	1	169	8	18,458
Sonoma	Sonoma	1,112,669	1,492,217	12,847	31,299	94,049	1,630,412
Sonoma	Marin	28,845	33,801	483	69	73	34,426
Marin	San Francisco	47,852	58,276	17,328	1,269	149	77,022
Marin	San Mateo	7,617	8,829	265	36	8	9,138
Marin	Santa Clara	3,867	4,429	7	0	0	4,436
Marin	Alameda	11,656	12,878	401	0	0	13,279
Marin	Contra Costa	9,161	10,513	212	0	0	10,725
Marin	Solano	2,510	2,972	0	3	0	2,975
Marin	Napa	1,038	1,236	0	2	0	1,237
Marin	Sonoma	18,249	22,276	136	82	12	22,506
Marin	Marin	538,893	690,240	10,815	14,775	58,159	773,989
<b>Bay Area</b>	<b>Bay Area</b>	<b>17,827,255</b>	<b>23,656,958</b>	<b>1,794,050</b>	<b>402,909</b>	<b>2,638,932</b>	<b>28,492,851</b>
San Francisco	Bay Area	1,205,777	1,554,107	726,969	43,147	913,135	3,237,357
San Mateo	Bay Area	2,065,222	2,683,450	90,278	41,565	235,216	3,050,507
Santa Clara	Bay Area	5,318,377	7,075,752	258,163	132,607	418,000	7,884,523
Alameda	Bay Area	3,520,425	4,665,386	447,867	91,505	554,545	5,759,304
Contra Costa	Bay Area	2,517,583	3,378,508	189,664	25,639	218,615	3,812,425
Solano	Bay Area	1,048,171	1,472,001	30,847	14,857	110,865	1,628,573
Napa	Bay Area	311,141	417,286	5,168	5,880	34,618	462,953
Sonoma	Bay Area	1,199,716	1,598,819	15,930	31,542	95,610	1,741,902
Marin	Bay Area	640,843	811,649	29,164	16,167	58,328	915,307
Bay Area	San Francisco	1,396,287	1,828,289	1,096,449	48,352	911,388	3,884,479
Bay Area	San Mateo	2,110,600	2,748,067	68,265	36,096	234,726	3,087,153
Bay Area	Santa Clara	5,421,416	7,174,374	261,659	135,052	422,920	7,994,006
Bay Area	Alameda	3,492,502	4,614,237	271,297	89,877	552,426	5,527,835
Bay Area	Contra Costa	2,374,457	3,204,156	48,424	25,907	219,494	3,497,980
Bay Area	Solano	914,749	1,299,138	17,233	14,560	110,744	1,441,677
Bay Area	Napa	307,185	410,302	2,907	6,089	34,692	453,990
Bay Area	Sonoma	1,175,923	1,572,389	13,009	31,601	94,070	1,711,070
Bay Area	Marin	634,136	806,006	14,807	15,375	58,472	894,661
<b>Bay Area</b>	<b>Bay Area</b>	<b>17,827,255</b>	<b>23,656,958</b>	<b>1,794,050</b>	<b>402,909</b>	<b>2,638,932</b>	<b>28,492,851</b>

**Table C.13**  
**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Residence, 1990 Base Year**

Superdistrict/County of Residence	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	16,429	4,883	2,031	30,384	660	25,720	80,108
2 Richmond District	70,011	15,850	4,520	65,965	1,935	13,292	171,573
3 Mission District	94,713	21,960	8,125	76,579	1,848	9,735	212,961
4 Sunset District	41,351	8,273	3,275	37,338	403	2,780	93,421
5 Daly City/San Bruno	147,273	27,570	7,109	22,037	724	4,404	209,118
6 San Mateo/Burlingame	129,352	15,399	3,579	9,416	1,042	4,345	163,134
7 Redwood City/Menlo Park	122,253	14,928	3,501	6,778	2,452	5,235	155,147
8 Palo Alto/Los Altos	106,087	9,193	1,980	5,372	7,015	5,110	134,757
9 Sunnyvale/Mountain View	145,732	15,929	2,704	5,238	2,059	4,094	175,757
10 Saratoga/Cupertino	211,477	20,624	3,751	4,958	2,141	5,226	248,177
11 Central San Jose	139,259	22,524	5,470	10,597	1,972	5,528	185,349
12 Milpitas/East San Jose	178,520	34,207	8,190	9,303	970	3,636	234,826
13 South San Jose/Almaden	132,649	16,977	3,129	4,141	846	2,539	160,281
14 Gilroy/Morgan Hill	41,706	6,612	1,789	1,545	419	1,241	53,312
15 Livermore/Pleasanton	91,310	9,653	2,549	2,338	1,403	2,443	109,696
16 Fremont/Union City	168,357	23,558	7,769	10,964	1,272	3,147	215,066
17 Hayward/San Leandro	163,638	22,084	5,538	17,690	1,412	5,778	216,140
18 Oakland/Alameda	169,959	27,543	12,958	49,744	2,094	11,517	273,815
19 Berkeley/Albany	58,468	8,776	5,076	18,661	5,171	12,006	108,159
20 Richmond/El Cerrito	103,357	17,135	8,234	15,138	814	3,448	148,125
21 Concord/Martinez	121,612	14,554	5,416	13,321	1,017	4,145	160,065
22 Walnut Creek/Lamorinda	72,533	8,092	4,362	13,834	471	1,957	101,249
23 Danville/San Ramon	63,301	6,943	2,358	4,071	310	1,024	78,008
24 Antioch/Pittsburg	86,889	14,321	4,513	5,235	326	1,938	113,221
25 Vallejo/Benicia	65,567	13,336	6,908	4,359	560	1,882	92,612
26 Fairfield/Vacaville	103,199	15,356	7,140	548	865	2,764	129,871
27 Napa	42,208	5,278	1,764	1,106	743	1,473	52,571
28 St. Helena/Calistoga	18,470	2,090	738	35	261	1,446	23,039
29 Petaluma/Sonoma	80,370	11,459	3,469	3,941	1,062	3,497	103,798
30 Santa Rosa/Sebastopol	106,186	11,781	3,307	3,130	1,827	4,632	130,864
31 Healdsburg/Cloverdale	35,001	5,019	1,481	476	201	1,786	43,963
32 Novato	33,559	4,810	1,500	3,495	348	891	44,603
33 San Rafael	56,872	8,167	2,272	6,877	674	2,835	77,696
34 Mill Valley/Sausalito	47,271	6,965	1,986	5,765	669	2,265	64,921
<b>Bay Area</b>	<b>3,264,939</b>	<b>471,849</b>	<b>148,491</b>	<b>470,379</b>	<b>45,986</b>	<b>163,759</b>	<b>4,565,403</b>
San Francisco	222,504	50,966	17,951	210,266	4,846	51,527	558,063
San Mateo	398,878	57,897	14,189	38,231	4,218	13,984	527,399
Santa Clara	955,430	126,066	27,013	41,154	15,422	27,374	1,192,459
Alameda	651,732	91,614	33,890	99,397	11,352	34,891	922,876
Contra Costa	447,692	61,045	24,883	51,599	2,938	12,512	600,668
Solano	168,766	28,692	14,048	4,907	1,425	4,646	222,483
Napa	60,678	7,368	2,502	1,141	1,004	2,919	75,610
Sonoma	221,557	28,259	8,257	7,547	3,090	9,915	278,625
Marin	137,702	19,942	5,758	16,137	1,691	5,991	187,220

**Table C.14**  
**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Work, 1990 Base Year**

Superdistrict/County of Work	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	140,061	44,160	28,165	239,029	2,234	28,104	481,753
2 Richmond District	60,740	11,445	5,782	30,911	1,057	11,499	121,434
3 Mission District	94,654	21,722	8,991	43,580	1,325	9,760	180,032
4 Sunset District	20,157	4,139	1,487	8,483	382	2,385	37,033
5 Daly City/San Bruno	150,128	22,633	6,967	8,296	863	4,505	193,392
6 San Mateo/Burlingame	98,799	12,102	3,743	3,606	772	4,254	123,276
7 Redwood City/Menlo Park	120,346	16,016	4,549	5,038	1,907	5,141	152,997
8 Palo Alto/Los Altos	148,757	17,211	3,860	7,485	7,715	5,119	190,147
9 Sunnyvale/Mountain View	384,710	52,636	10,825	12,768	3,435	4,778	469,152
10 Saratoga/Cupertino	145,255	17,042	3,951	4,155	1,573	5,378	177,354
11 Central San Jose	145,342	21,465	4,096	8,841	1,539	5,341	186,624
12 Milpitas/East San Jose	97,612	15,141	3,292	4,441	929	3,242	124,657
13 South San Jose/Almaden	61,615	7,208	1,336	1,979	614	2,299	75,051
14 Gilroy/Morgan Hill	38,909	5,952	1,663	868	431	1,235	49,058
15 Livermore/Pleasanton	90,833	10,216	3,110	1,694	1,403	2,509	109,765
16 Fremont/Union City	119,756	14,829	4,228	4,620	1,133	3,073	147,640
17 Hayward/San Leandro	159,420	19,525	5,005	7,903	1,457	5,875	199,183
18 Oakland/Alameda	206,015	32,217	9,469	37,329	1,972	11,581	298,582
19 Berkeley/Albany	87,328	13,460	4,187	16,771	5,564	12,286	139,596
20 Richmond/El Cerrito	70,823	10,958	4,178	4,551	532	3,080	94,122
21 Concord/Martinez	119,432	14,484	4,483	2,438	947	4,103	145,887
22 Walnut Creek/Lamorinda	87,343	9,481	3,186	2,843	580	2,059	105,491
23 Danville/San Ramon	54,192	6,014	2,428	906	359	984	64,882
24 Antioch/Pittsburg	38,614	4,362	949	734	237	1,831	46,727
25 Vallejo/Benicia	59,679	9,318	3,332	1,341	584	1,913	76,167
26 Fairfield/Vacaville	78,301	8,957	2,344	552	835	2,736	93,725
27 Napa	37,524	4,547	1,359	750	731	1,466	46,377
28 St. Helena/Calistoga	18,676	2,611	909	32	275	1,455	23,957
29 Petaluma/Sonoma	60,036	6,893	1,567	1,015	872	2,723	73,107
30 Santa Rosa/Sebastopol	134,789	15,343	3,980	3,085	2,074	5,932	165,203
31 Healdsburg/Cloverdale	16,020	2,158	420	175	140	1,239	20,152
32 Novato	24,677	3,447	1,036	641	289	821	30,911
33 San Rafael	55,705	8,658	2,312	2,005	717	2,824	72,222
34 Mill Valley/Sausalito	38,695	5,501	1,300	1,512	509	2,233	49,750
<b>Bay Area</b>	<b>3,264,943</b>	<b>471,851</b>	<b>148,489</b>	<b>470,377</b>	<b>45,986</b>	<b>163,763</b>	<b>4,565,406</b>
San Francisco	315,612	81,466	44,425	322,003	4,998	51,748	820,252
San Mateo	369,273	50,751	15,259	16,940	3,542	13,900	469,665
Santa Clara	1,022,200	136,655	29,023	40,537	16,236	27,392	1,272,043
Alameda	663,352	90,247	25,999	68,317	11,529	35,324	894,766
Contra Costa	370,404	45,299	15,224	11,472	2,655	12,057	457,109
Solano	137,980	18,275	5,676	1,893	1,419	4,649	169,892
Napa	56,200	7,158	2,268	782	1,006	2,921	70,334
Sonoma	210,845	24,394	5,967	4,275	3,086	9,894	258,462
Marin	119,077	17,606	4,648	4,158	1,515	5,878	152,883

**Table C.15**  
**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Residence, 2000 Base Year**

Superdistrict/County of Residence	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	22,194	5,918	2,017	31,069	2,113	37,450	100,761
2 Richmond District	93,397	18,919	4,961	60,362	5,707	17,036	200,381
3 Mission District	121,745	24,873	8,983	82,229	5,096	9,702	252,628
4 Sunset District	51,917	9,927	3,466	36,324	1,557	3,722	106,913
5 Daly City/San Bruno	153,417	25,339	8,798	37,425	911	4,439	230,330
6 San Mateo/Burlingame	145,066	15,909	5,046	9,568	1,175	3,682	180,446
7 Redwood City/Menlo Park	147,002	17,116	4,966	7,532	2,702	4,988	184,305
8 Palo Alto/Los Altos	118,135	9,619	2,282	3,699	5,069	5,608	144,412
9 Sunnyvale/Mountain View	162,996	17,106	3,237	5,529	3,007	3,156	195,031
10 Saratoga/Cupertino	218,928	21,185	4,592	3,737	2,917	3,206	254,565
11 Central San Jose	162,873	22,831	7,054	11,221	2,911	4,829	211,720
12 Milpitas/East San Jose	210,384	38,454	10,535	9,410	1,618	2,624	273,025
13 South San Jose/Almaden	135,047	17,563	3,796	17,127	1,213	1,338	176,085
14 Gilroy/Morgan Hill	55,297	8,125	2,671	2,343	703	1,378	70,517
15 Livermore/Pleasanton	104,142	12,390	4,213	12,906	2,147	2,028	137,826
16 Fremont/Union City	188,656	30,069	9,490	11,816	2,029	2,607	244,668
17 Hayward/San Leandro	189,720	28,795	8,496	23,960	1,707	3,541	256,219
18 Oakland/Alameda	181,728	31,083	17,788	59,022	3,050	11,045	303,716
19 Berkeley/Albany	65,294	9,396	5,987	29,480	4,382	13,288	127,827
20 Richmond/El Cerrito	113,190	17,662	7,749	30,626	850	2,815	172,892
21 Concord/Martinez	126,576	16,155	6,048	15,249	1,122	3,007	168,156
22 Walnut Creek/Lamorinda	75,625	7,755	4,563	15,806	501	1,745	105,994
23 Danville/San Ramon	79,956	9,060	2,870	4,975	493	987	98,341
24 Antioch/Pittsburg	112,635	19,745	7,515	13,488	384	1,595	155,362
25 Vallejo/Benicia	73,644	11,918	7,897	5,281	425	1,343	100,508
26 Fairfield/Vacaville	129,763	18,234	9,317	2,158	662	2,714	162,849
27 Napa	47,016	7,386	3,367	1,484	575	1,183	61,010
28 St. Helena/Calistoga	21,145	2,656	1,231	127	215	2,493	27,867
29 Petaluma/Sonoma	98,790	13,135	3,548	4,963	1,164	4,016	125,616
30 Santa Rosa/Sebastopol	130,719	16,919	5,945	3,533	1,482	4,981	163,579
31 Healdsburg/Cloverdale	45,172	6,559	2,029	525	254	3,342	57,880
32 Novato	32,140	4,312	1,259	3,066	468	986	42,231
33 San Rafael	58,858	7,904	2,060	7,530	757	2,714	79,823
34 Mill Valley/Sausalito	53,157	7,986	1,715	8,588	945	2,406	74,798
<b>Bay Area</b>	<b>3,726,324</b>	<b>532,003</b>	<b>185,491</b>	<b>572,158</b>	<b>60,311</b>	<b>171,994</b>	<b>5,248,281</b>
San Francisco	289,253	59,637	19,427	209,984	14,473	67,910	660,683
San Mateo	445,485	58,364	18,810	54,525	4,788	13,109	595,081
Santa Clara	1,063,660	134,883	34,167	53,066	17,438	22,139	1,325,355
Alameda	729,540	111,733	45,974	137,184	13,315	32,509	1,070,256
Contra Costa	507,982	70,377	28,745	80,144	3,350	10,149	700,745
Solano	203,407	30,152	17,214	7,439	1,087	4,057	263,357
Napa	68,161	10,042	4,598	1,611	790	3,676	88,877
Sonoma	274,681	36,613	11,522	9,021	2,900	12,339	347,075
Marin	144,155	20,202	5,034	19,184	2,170	6,106	196,852

**Table C.16**  
**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Work, 2000 Base Year**

Superdistrict/County of Work	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	158,225	49,784	35,892	324,107	6,099	38,630	612,738
2 Richmond District	62,000	10,556	4,607	25,763	3,330	16,435	122,692
3 Mission District	110,358	21,316	7,923	41,695	3,817	9,502	194,611
4 Sunset District	23,283	4,311	1,590	6,995	1,330	3,502	41,013
5 Daly City/San Bruno	174,483	25,151	8,391	9,201	1,282	4,737	223,245
6 San Mateo/Burlingame	123,122	14,957	5,286	3,517	1,026	3,771	151,679
7 Redwood City/Menlo Park	134,337	18,848	5,424	5,414	1,951	4,728	170,702
8 Palo Alto/Los Altos	186,288	23,915	6,162	8,346	5,335	6,241	236,287
9 Sunnyvale/Mountain View	394,758	54,358	13,085	19,268	5,048	3,502	490,018
10 Saratoga/Cupertino	163,318	18,650	5,017	3,464	2,217	3,232	195,897
11 Central San Jose	168,612	23,169	5,327	16,959	2,434	4,702	221,203
12 Milpitas/East San Jose	136,066	19,688	5,251	5,030	1,766	2,514	170,315
13 South San Jose/Almaden	82,662	8,932	2,150	2,429	924	1,267	98,364
14 Gilroy/Morgan Hill	44,124	6,160	2,039	860	715	1,370	55,267
15 Livermore/Pleasanton	116,980	14,345	5,016	2,505	2,151	2,013	143,010
16 Fremont/Union City	158,637	21,838	7,338	6,363	1,834	2,416	198,427
17 Hayward/San Leandro	180,645	24,252	7,526	8,207	1,773	3,444	225,846
18 Oakland/Alameda	210,983	33,354	11,059	37,575	3,198	10,908	307,077
19 Berkeley/Albany	92,091	13,592	4,883	15,700	4,395	13,261	143,922
20 Richmond/El Cerrito	83,302	11,967	4,710	6,200	621	2,770	109,570
21 Concord/Martinez	123,471	14,853	4,941	2,868	979	2,978	150,091
22 Walnut Creek/Lamorinda	93,171	9,325	3,444	2,409	646	1,795	110,789
23 Danville/San Ramon	61,120	6,588	2,798	1,056	470	1,019	73,050
24 Antioch/Pittsburg	54,169	5,815	1,479	1,591	299	1,504	64,858
25 Vallejo/Benicia	53,040	7,144	2,753	1,557	319	1,304	66,117
26 Fairfield/Vacaville	88,054	9,863	2,578	1,342	620	2,714	105,171
27 Napa	47,160	6,627	2,915	783	655	1,215	59,355
28 St. Helena/Calistoga	23,968	3,875	1,845	156	246	2,514	32,606
29 Petaluma/Sonoma	72,734	8,429	2,382	1,232	973	3,428	89,178
30 Santa Rosa/Sebastopol	144,118	17,257	5,069	2,932	1,731	5,716	176,823
31 Healdsburg/Cloverdale	22,951	3,179	702	203	185	2,671	29,891
32 Novato	32,749	4,470	1,385	1,318	510	1,026	41,457
33 San Rafael	58,544	8,995	2,648	2,535	736	2,741	76,200
34 Mill Valley/Sausalito	46,799	6,440	1,873	2,576	697	2,425	60,810
<b>Bay Area</b>	<b>3,726,322</b>	<b>532,003</b>	<b>185,488</b>	<b>572,156</b>	<b>60,312</b>	<b>171,995</b>	<b>5,248,279</b>
San Francisco	353,866	85,967	50,012	398,560	14,576	68,069	971,054
San Mateo	431,942	58,956	19,101	18,132	4,259	13,236	545,626
Santa Clara	1,175,828	154,872	39,031	56,356	18,439	22,828	1,467,351
Alameda	759,336	107,381	35,822	70,350	13,351	32,042	1,018,282
Contra Costa	415,233	48,548	17,372	14,124	3,015	10,066	508,358
Solano	141,094	17,007	5,331	2,899	939	4,018	171,288
Napa	71,128	10,502	4,760	939	901	3,729	91,961
Sonoma	239,803	28,865	8,153	4,367	2,889	11,815	295,892
Marin	138,092	19,905	5,906	6,429	1,943	6,192	178,467

**Table C.17**  
**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Residence, 2006 Forecast Year**

Superdistrict/County of Residence	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	20,520	5,659	1,897	29,473	2,051	35,401	95,001
2 Richmond District	86,606	17,595	4,462	56,820	5,076	14,655	185,215
3 Mission District	116,200	23,671	8,387	81,851	4,808	8,984	243,901
4 Sunset District	49,630	9,319	3,233	34,784	1,420	3,396	101,783
5 Daly City/San Bruno	141,279	23,200	7,835	36,096	841	3,699	212,950
6 San Mateo/Burlingame	129,597	13,524	4,229	9,357	1,029	3,049	160,785
7 Redwood City/Menlo Park	134,594	15,061	4,111	6,480	2,492	4,209	166,946
8 Palo Alto/Los Altos	108,049	8,652	1,961	3,287	4,643	5,160	131,753
9 Sunnyvale/Mountain View	164,673	17,298	3,089	5,258	3,072	3,045	196,435
10 Saratoga/Cupertino	208,392	20,018	4,151	3,433	2,821	2,819	241,634
11 Central San Jose	168,476	24,487	7,423	12,519	3,320	5,485	221,710
12 Milpitas/East San Jose	212,887	39,385	10,357	9,643	1,586	2,490	276,349
13 South San Jose/Almaden	133,487	18,194	3,562	14,838	1,145	1,202	172,428
14 Gilroy/Morgan Hill	59,071	9,192	2,812	1,934	720	1,336	75,064
15 Livermore/Pleasanton	120,034	15,334	5,316	16,937	2,424	2,140	162,184
16 Fremont/Union City	201,737	33,930	10,557	13,021	2,160	2,549	263,953
17 Hayward/San Leandro	197,267	31,101	9,184	27,536	1,812	3,634	270,535
18 Oakland/Alameda	180,702	32,871	18,958	64,398	3,209	11,409	311,547
19 Berkeley/Albany	63,985	9,590	6,209	32,546	4,343	13,086	129,759
20 Richmond/El Cerrito	118,058	19,064	8,593	35,365	969	2,934	184,983
21 Concord/Martinez	133,859	17,915	7,031	18,851	1,211	3,074	181,940
22 Walnut Creek/Lamorinda	74,531	7,955	4,893	17,798	529	1,790	107,497
23 Danville/San Ramon	84,272	9,962	3,164	6,644	597	1,029	105,668
24 Antioch/Pittsburg	127,079	24,224	9,811	18,707	452	1,759	182,033
25 Vallejo/Benicia	80,274	14,003	10,679	7,585	535	1,489	114,564
26 Fairfield/Vacaville	153,527	24,371	14,638	1,908	695	2,954	198,093
27 Napa	50,506	8,077	3,839	1,994	547	1,131	66,094
28 St. Helena/Calistoga	20,622	2,716	1,241	55	204	2,123	26,959
29 Petaluma/Sonoma	110,754	15,702	4,736	5,339	1,250	4,100	141,881
30 Santa Rosa/Sebastopol	148,048	19,051	6,545	2,427	1,785	5,649	183,504
31 Healdsburg/Cloverdale	51,376	7,894	3,049	380	298	3,977	66,973
32 Novato	33,368	5,057	1,554	3,753	461	968	45,161
33 San Rafael	58,203	8,406	2,252	8,687	804	2,763	81,115
34 Mill Valley/Sausalito	50,348	8,168	1,696	6,352	938	2,141	69,644
<b>Bay Area</b>	<b>3,792,011</b>	<b>560,646</b>	<b>201,454</b>	<b>596,056</b>	<b>60,247</b>	<b>165,629</b>	<b>5,376,041</b>
San Francisco	272,956	56,244	17,979	202,928	13,355	62,436	625,900
San Mateo	405,470	51,785	16,175	51,933	4,362	10,957	540,681
Santa Clara	1,055,035	137,226	33,355	50,912	17,307	21,537	1,315,373
Alameda	763,725	122,826	50,224	154,438	13,948	32,818	1,137,978
Contra Costa	537,799	79,120	33,492	97,365	3,758	10,586	762,121
Solano	233,801	38,374	25,317	9,493	1,230	4,443	312,657
Napa	71,128	10,793	5,080	2,049	751	3,254	93,053
Sonoma	310,178	42,647	14,330	8,146	3,333	13,726	392,358
Marin	141,919	21,631	5,502	18,792	2,203	5,872	195,920

**Table C.18**  
**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Work, 2006 Forecast Year**

Superdistrict/County of Work	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	150,171	50,953	40,991	344,297	5,734	36,463	628,609
2 Richmond District	59,509	10,344	4,650	24,182	2,961	14,170	115,815
3 Mission District	108,582	21,151	8,331	42,381	3,709	8,812	192,967
4 Sunset District	21,021	3,752	1,445	5,874	1,159	3,160	36,410
5 Daly City/San Bruno	169,036	25,163	9,173	12,470	1,162	4,118	221,122
6 San Mateo/Burlingame	121,708	15,317	5,879	6,792	922	3,189	153,806
7 Redwood City/Menlo Park	137,091	19,971	6,175	6,722	1,870	4,143	175,973
8 Palo Alto/Los Altos	185,961	25,337	6,631	8,047	4,957	5,899	236,831
9 Sunnyvale/Mountain View	406,716	60,447	14,514	19,913	5,114	3,602	510,306
10 Saratoga/Cupertino	164,528	19,824	5,224	3,177	2,203	2,918	197,874
11 Central San Jose	171,029	25,250	5,664	16,204	2,614	5,310	226,071
12 Milpitas/East San Jose	133,921	20,250	5,268	4,810	1,731	2,361	168,342
13 South San Jose/Almaden	83,474	9,437	2,245	2,223	900	1,172	99,452
14 Gilroy/Morgan Hill	47,680	6,859	2,232	750	733	1,344	59,597
15 Livermore/Pleasanton	126,325	15,957	5,702	1,923	2,398	2,114	154,419
16 Fremont/Union City	166,369	24,015	8,181	7,437	1,962	2,330	210,294
17 Hayward/San Leandro	181,637	24,746	7,858	8,935	1,875	3,483	228,534
18 Oakland/Alameda	215,280	35,577	12,285	39,795	3,403	11,259	317,599
19 Berkeley/Albany	91,744	13,762	5,030	15,537	4,330	13,066	143,469
20 Richmond/El Cerrito	87,230	12,934	5,348	5,480	672	2,853	114,517
21 Concord/Martinez	125,963	15,394	5,386	3,045	1,025	3,041	153,854
22 Walnut Creek/Lamorinda	96,334	9,940	3,825	2,344	684	1,832	114,960
23 Danville/San Ramon	68,146	7,857	3,453	1,343	576	1,062	82,439
24 Antioch/Pittsburg	58,096	5,949	1,601	1,429	337	1,607	69,020
25 Vallejo/Benicia	55,682	7,646	2,802	1,758	470	1,426	69,783
26 Fairfield/Vacaville	91,883	10,158	2,473	1,294	676	2,953	109,437
27 Napa	51,005	6,951	3,262	671	639	1,182	63,710
28 St. Helena/Calistoga	23,509	3,705	1,777	67	234	2,141	31,433
29 Petaluma/Sonoma	75,970	8,937	2,191	928	1,057	3,483	92,565
30 Santa Rosa/Sebastopol	153,482	18,046	4,962	2,250	2,033	6,405	187,178
31 Healdsburg/Cloverdale	23,303	3,289	699	160	208	2,816	30,474
32 Novato	33,668	4,757	1,368	843	503	1,028	42,167
33 San Rafael	58,661	9,670	2,734	1,443	747	2,767	76,022
34 Mill Valley/Sausalito	47,295	7,303	2,097	1,534	648	2,115	60,993
<b>Bay Area</b>	<b>3,792,009</b>	<b>560,648</b>	<b>201,456</b>	<b>596,058</b>	<b>60,246</b>	<b>165,624</b>	<b>5,376,042</b>
San Francisco	339,283	86,200	55,417	416,734	13,563	62,605	973,801
San Mateo	427,835	60,451	21,227	25,984	3,954	11,450	550,901
Santa Clara	1,193,309	167,404	41,778	55,124	18,252	22,606	1,498,473
Alameda	781,355	114,057	39,056	73,627	13,968	32,252	1,054,315
Contra Costa	435,769	52,074	19,613	13,641	3,294	10,395	534,790
Solano	147,565	17,804	5,275	3,052	1,146	4,379	179,220
Napa	74,514	10,656	5,039	738	873	3,323	95,143
Sonoma	252,755	30,272	7,852	3,338	3,298	12,704	310,217
Marin	139,624	21,730	6,199	3,820	1,898	5,910	179,182

**Table C.19**

**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Residence, 2015 Forecast Year**

Superdistrict/County of Residence	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	22,158	6,261	2,062	34,804	2,436	40,924	108,644
2 Richmond District	89,682	19,024	4,655	66,651	5,947	16,418	202,376
3 Mission District	123,022	26,351	9,222	98,984	5,945	10,468	273,991
4 Sunset District	52,553	10,037	3,459	38,907	1,656	3,895	110,507
5 Daly City/San Bruno	154,149	26,219	8,884	42,398	1,058	4,674	237,381
6 San Mateo/Burlingame	148,269	16,015	5,026	10,142	1,304	3,724	184,480
7 Redwood City/Menlo Park	154,781	17,843	4,870	8,289	3,106	5,164	194,053
8 Palo Alto/Los Altos	126,837	10,330	2,310	4,832	5,533	5,880	155,721
9 Sunnyvale/Mountain View	199,288	21,509	3,805	8,250	4,189	3,938	240,980
10 Saratoga/Cupertino	241,457	23,108	4,811	5,598	3,439	3,204	281,616
11 Central San Jose	207,247	31,418	9,502	19,671	4,635	7,324	279,796
12 Milpitas/East San Jose	252,907	48,005	12,514	13,788	2,091	3,209	332,514
13 South San Jose/Almaden	152,030	20,831	4,043	19,128	1,430	1,438	198,902
14 Gilroy/Morgan Hill	74,329	11,169	3,467	2,777	1,057	1,769	94,569
15 Livermore/Pleasanton	147,326	18,332	7,275	22,187	3,291	2,786	201,196
16 Fremont/Union City	226,409	39,246	12,210	16,783	2,672	2,992	300,312
17 Hayward/San Leandro	217,183	34,285	10,099	34,522	2,133	4,087	302,310
18 Oakland/Alameda	198,630	36,672	21,049	82,533	3,915	13,500	356,299
19 Berkeley/Albany	69,249	10,364	6,768	40,882	4,629	13,700	145,591
20 Richmond/El Cerrito	131,321	21,226	9,828	46,271	1,029	3,243	212,918
21 Concord/Martinez	150,489	20,258	8,519	25,170	1,376	3,516	209,328
22 Walnut Creek/Lamorinda	83,178	9,123	5,915	23,417	625	2,036	124,294
23 Danville/San Ramon	107,173	13,057	4,326	8,469	910	1,400	135,335
24 Antioch/Pittsburg	154,218	28,386	12,154	27,302	663	2,500	225,222
25 Vallejo/Benicia	89,652	15,671	12,845	10,663	681	1,835	131,348
26 Fairfield/Vacaville	187,721	30,475	20,552	2,687	891	3,694	246,020
27 Napa	56,965	9,060	4,515	2,793	610	1,213	75,157
28 St. Helena/Calistoga	22,397	2,914	1,456	112	203	2,023	29,106
29 Petaluma/Sonoma	119,958	18,401	5,626	5,920	1,412	4,583	155,901
30 Santa Rosa/Sebastopol	169,790	22,053	7,188	2,834	2,195	6,434	210,493
31 Healdsburg/Cloverdale	56,019	9,797	4,395	457	373	4,877	75,918
32 Novato	38,272	5,658	1,648	4,802	597	1,209	52,186
33 San Rafael	62,204	9,124	2,341	10,514	884	2,938	88,006
34 Mill Valley/Sausalito	56,255	9,384	1,894	8,367	1,158	2,471	79,529
<b>Bay Area</b>	<b>4,343,118</b>	<b>651,606</b>	<b>239,233</b>	<b>750,904</b>	<b>74,073</b>	<b>193,066</b>	<b>6,251,999</b>
San Francisco	287,415	61,673	19,398	239,346	15,984	71,705	695,518
San Mateo	457,199	60,077	18,780	60,829	5,468	13,562	615,914
Santa Clara	1,254,095	166,370	40,452	74,044	22,374	26,762	1,584,098
Alameda	858,797	138,899	57,401	196,907	16,640	37,065	1,305,708
Contra Costa	626,379	92,050	40,742	130,629	4,603	12,695	907,097
Solano	277,373	46,146	33,397	13,350	1,572	5,529	377,368
Napa	79,362	11,974	5,971	2,905	813	3,236	104,263
Sonoma	345,767	50,251	17,209	9,211	3,980	15,894	442,312
Marin	156,731	24,166	5,883	23,683	2,639	6,618	219,721

**Table C.20**  
**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Work, 2015 Forecast Year**

Superdistrict/County of Work	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	150,675	55,417	46,799	421,111	6,789	41,999	722,789
2 Richmond District	65,923	12,181	5,487	29,567	3,519	15,900	132,577
3 Mission District	119,446	25,409	10,021	55,825	4,731	10,315	225,747
4 Sunset District	24,116	4,312	1,676	7,192	1,347	3,658	42,300
5 Daly City/San Bruno	196,465	30,476	11,615	16,807	1,483	5,142	261,989
6 San Mateo/Burlingame	137,796	17,656	7,068	8,331	1,187	3,841	175,879
7 Redwood City/Menlo Park	155,041	22,767	7,281	9,888	2,415	5,040	202,432
8 Palo Alto/Los Altos	200,257	27,656	7,521	10,959	5,749	6,786	258,928
9 Sunnyvale/Mountain View	470,466	71,337	18,255	28,563	6,707	4,801	600,128
10 Saratoga/Cupertino	189,719	22,982	6,306	5,064	2,740	3,363	230,173
11 Central San Jose	204,186	30,931	7,335	22,312	3,502	7,087	275,354
12 Milpitas/East San Jose	162,710	24,635	6,878	7,270	2,392	3,070	206,955
13 South San Jose/Almaden	101,330	11,579	2,942	3,273	1,190	1,429	121,743
14 Gilroy/Morgan Hill	72,469	10,822	3,718	1,330	1,116	1,810	91,266
15 Livermore/Pleasanton	159,339	20,541	7,346	2,829	3,251	2,746	196,053
16 Fremont/Union City	193,162	27,842	10,144	10,098	2,509	2,749	246,505
17 Hayward/San Leandro	198,008	27,206	8,785	11,876	2,204	3,935	252,014
18 Oakland/Alameda	242,447	40,559	14,396	48,472	4,170	13,402	363,445
19 Berkeley/Albany	94,023	14,255	5,219	17,672	4,556	13,682	149,407
20 Richmond/El Cerrito	96,212	14,457	6,110	7,055	742	3,163	127,739
21 Concord/Martinez	138,411	17,036	5,934	3,433	1,169	3,477	169,461
22 Walnut Creek/Lamorinda	103,635	10,745	4,168	2,541	795	2,065	123,949
23 Danville/San Ramon	82,554	9,665	4,259	1,825	811	1,428	100,541
24 Antioch/Pittsburg	81,351	8,024	2,246	2,514	514	2,312	96,960
25 Vallejo/Benicia	64,112	9,012	3,249	2,074	528	1,743	80,718
26 Fairfield/Vacaville	109,898	12,022	2,811	1,561	854	3,688	130,834
27 Napa	59,770	8,039	3,906	889	754	1,288	74,647
28 St. Helena/Calistoga	24,035	3,761	1,824	123	233	2,038	32,013
29 Petaluma/Sonoma	89,156	10,575	2,493	1,104	1,249	3,915	108,492
30 Santa Rosa/Sebastopol	174,959	20,069	5,421	2,587	2,446	7,315	212,798
31 Healdsburg/Cloverdale	26,413	3,776	799	209	263	3,268	34,728
32 Novato	42,343	6,744	1,890	1,250	638	1,272	54,137
33 San Rafael	62,241	10,927	3,024	2,600	814	2,933	82,538
34 Mill Valley/Sausalito	50,450	8,193	2,307	2,700	703	2,405	66,758
<b>Bay Area</b>	<b>4,343,118</b>	<b>651,608</b>	<b>239,233</b>	<b>750,904</b>	<b>74,070</b>	<b>193,065</b>	<b>6,251,997</b>
San Francisco	360,160	97,319	63,983	513,695	16,386	71,872	1,123,413
San Mateo	489,302	70,899	25,964	35,026	5,085	14,023	640,300
Santa Clara	1,401,137	199,942	52,955	78,771	23,396	28,346	1,784,547
Alameda	886,979	130,403	45,890	90,947	16,690	36,514	1,207,424
Contra Costa	502,163	59,927	22,717	17,368	4,031	12,445	618,650
Solano	174,010	21,034	6,060	3,635	1,382	5,431	211,552
Napa	83,805	11,800	5,730	1,012	987	3,326	106,660
Sonoma	290,528	34,420	8,713	3,900	3,958	14,498	356,018
Marin	155,034	25,864	7,221	6,550	2,155	6,610	203,433

**Table C.21**  
**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Residence, 2025 Forecast Year**

Superdistrict/County of Residence	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	26,903	7,598	2,459	39,326	2,874	46,309	125,469
2 Richmond District	93,086	20,488	4,806	71,428	6,690	17,907	214,405
3 Mission District	136,656	30,472	10,438	115,104	7,625	13,372	313,668
4 Sunset District	55,948	10,779	3,652	39,932	1,846	4,198	116,354
5 Daly City/San Bruno	168,015	29,226	9,658	45,794	1,312	5,905	259,909
6 San Mateo/Burlingame	163,187	18,033	5,536	12,652	1,577	4,329	205,314
7 Redwood City/Menlo Park	177,667	20,942	5,623	9,722	3,939	6,452	224,345
8 Palo Alto/Los Altos	143,108	12,014	2,617	5,826	6,471	6,724	176,759
9 Sunnyvale/Mountain View	230,870	26,242	4,474	10,434	5,541	4,872	282,433
10 Saratoga/Cupertino	262,527	25,609	5,229	6,125	3,881	3,406	306,776
11 Central San Jose	252,174	40,187	11,805	26,431	6,431	9,943	346,971
12 Milpitas/East San Jose	289,764	56,889	14,447	16,936	2,595	3,910	384,541
13 South San Jose/Almaden	164,406	23,245	4,345	21,185	1,695	1,679	216,555
14 Gilroy/Morgan Hill	87,059	13,076	3,988	3,316	1,332	2,163	110,934
15 Livermore/Pleasanton	181,502	23,107	9,931	29,688	4,730	3,889	252,848
16 Fremont/Union City	263,604	49,104	15,167	20,768	3,762	3,874	356,278
17 Hayward/San Leandro	248,587	41,050	11,980	42,163	2,784	4,988	351,551
18 Oakland/Alameda	240,383	46,524	26,442	112,000	5,382	17,481	448,212
19 Berkeley/Albany	80,034	12,324	7,950	51,068	5,386	14,979	171,741
20 Richmond/El Cerrito	143,911	23,603	10,792	54,709	1,122	3,793	237,929
21 Concord/Martinez	170,731	22,482	9,642	29,722	1,599	4,284	238,460
22 Walnut Creek/Lamorinda	93,374	10,265	6,734	27,854	757	2,393	141,377
23 Danville/San Ramon	124,325	16,039	5,402	11,142	1,372	1,882	160,162
24 Antioch/Pittsburg	176,949	30,669	13,341	31,156	917	3,277	256,310
25 Vallejo/Benicia	101,374	17,957	15,175	13,803	907	2,418	151,633
26 Fairfield/Vacaville	217,859	35,201	27,089	3,399	1,150	4,667	289,364
27 Napa	62,090	9,446	5,101	3,257	643	1,228	81,765
28 St. Helena/Calistoga	23,592	2,932	1,681	115	204	1,958	30,481
29 Petaluma/Sonoma	129,110	18,293	4,767	4,491	1,791	5,413	163,865
30 Santa Rosa/Sebastopol	186,188	21,907	6,028	2,828	2,641	7,361	226,953
31 Healdsburg/Cloverdale	59,091	9,664	3,898	535	469	5,644	79,300
32 Novato	41,986	6,139	1,519	4,538	674	1,362	56,218
33 San Rafael	66,228	9,760	2,236	9,712	995	3,191	92,122
34 Mill Valley/Sausalito	62,039	10,088	1,918	8,201	1,326	3,038	86,611
<b>Bay Area</b>	<b>4,924,327</b>	<b>751,354</b>	<b>275,870</b>	<b>885,360</b>	<b>92,420</b>	<b>228,289</b>	<b>7,157,613</b>
San Francisco	312,593	69,337	21,355	265,790	19,035	81,786	769,896
San Mateo	508,869	68,201	20,817	68,168	6,828	16,686	689,568
Santa Clara	1,429,908	197,262	46,905	90,253	27,946	32,697	1,824,969
Alameda	1,014,110	172,109	71,470	255,687	22,044	45,211	1,580,630
Contra Costa	709,290	103,058	45,911	154,583	5,767	15,629	1,034,238
Solano	319,233	53,158	42,264	17,202	2,057	7,085	440,997
Napa	85,682	12,378	6,782	3,372	847	3,186	112,246
Sonoma	374,389	49,864	14,693	7,854	4,901	18,418	470,118
Marin	170,253	25,987	5,673	22,451	2,995	7,591	234,951

**Table C.22**  
**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Work, 2025 Forecast Year**

Superdistrict/County of Work	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	149,753	57,725	50,360	486,766	7,670	47,298	799,573
2 Richmond District	72,543	13,783	6,071	35,073	4,047	17,375	148,891
3 Mission District	137,293	30,162	11,606	70,153	6,151	13,192	268,558
4 Sunset District	26,499	4,689	1,826	8,246	1,478	3,938	46,675
5 Daly City/San Bruno	226,211	36,897	14,940	22,538	1,912	6,500	308,999
6 San Mateo/Burlingame	154,352	20,603	8,512	10,008	1,534	4,493	199,503
7 Redwood City/Menlo Park	170,629	25,885	8,426	12,501	3,139	6,314	226,895
8 Palo Alto/Los Altos	217,591	30,998	8,405	12,174	6,689	7,693	283,550
9 Sunnyvale/Mountain View	520,141	82,662	21,306	34,393	8,548	5,970	673,021
10 Saratoga/Cupertino	209,316	26,237	7,219	5,952	3,224	3,596	255,545
11 Central San Jose	241,431	38,284	9,172	28,550	4,671	9,612	331,719
12 Milpitas/East San Jose	187,291	29,243	8,374	9,312	3,133	3,780	241,133
13 South San Jose/Almaden	118,063	13,970	3,526	4,119	1,536	1,682	142,897
14 Gilroy/Morgan Hill	90,422	13,857	4,816	1,820	1,421	2,236	114,573
15 Livermore/Pleasanton	192,594	24,791	8,833	3,626	4,593	3,800	238,238
16 Fremont/Union City	230,215	34,057	12,748	13,475	3,585	3,524	297,604
17 Hayward/San Leandro	219,881	30,695	9,936	14,119	2,881	4,780	282,293
18 Oakland/Alameda	267,785	46,260	16,488	55,458	5,528	17,302	408,821
19 Berkeley/Albany	100,273	15,422	5,746	18,935	5,219	14,920	160,516
20 Richmond/El Cerrito	108,519	16,550	6,948	8,224	908	3,754	144,903
21 Concord/Martinez	159,250	19,527	6,712	4,076	1,389	4,271	195,225
22 Walnut Creek/Lamorinda	113,653	11,480	4,440	2,870	963	2,424	135,830
23 Danville/San Ramon	96,448	11,152	4,721	2,132	1,151	1,918	117,522
24 Antioch/Pittsburg	106,806	10,234	2,885	3,303	732	3,060	127,020
25 Vallejo/Benicia	75,337	10,876	3,832	2,529	661	2,305	95,541
26 Fairfield/Vacaville	129,239	14,094	3,155	1,865	1,066	4,645	154,063
27 Napa	65,125	8,570	4,353	997	829	1,317	81,190
28 St. Helena/Calistoga	24,774	3,830	1,903	125	231	1,965	32,828
29 Petaluma/Sonoma	107,476	12,974	3,143	1,320	1,651	4,717	131,281
30 Santa Rosa/Sebastopol	198,055	22,612	6,228	2,754	2,950	8,339	240,938
31 Healdsburg/Cloverdale	30,578	4,492	968	317	345	3,889	40,590
32 Novato	50,590	7,624	2,202	1,408	718	1,419	63,961
33 San Rafael	67,610	11,714	3,363	2,607	930	3,212	89,436
34 Mill Valley/Sausalito	58,577	9,405	2,704	3,614	935	3,048	78,284
<b>Bay Area</b>	<b>4,924,320</b>	<b>751,354</b>	<b>275,867</b>	<b>885,359</b>	<b>92,418</b>	<b>228,288</b>	<b>7,157,616</b>
San Francisco	386,088	106,359	69,863	600,238	19,346	81,803	1,263,697
San Mateo	551,192	83,385	31,878	45,047	6,585	17,307	735,397
Santa Clara	1,584,255	235,251	62,818	96,320	29,222	34,569	2,042,438
Alameda	1,010,748	151,225	53,751	105,613	21,806	44,326	1,387,472
Contra Costa	584,676	68,943	25,706	20,605	5,143	15,427	720,500
Solano	204,576	24,970	6,987	4,394	1,727	6,950	249,604
Napa	89,899	12,400	6,256	1,122	1,060	3,282	114,018
Sonoma	336,109	40,078	10,339	4,391	4,946	16,945	412,809
Marin	176,777	28,743	8,269	7,629	2,583	7,679	231,681

**Table C.23**

**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Residence, 2030 Forecast Year**

Superdistrict/County of Residence	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	30,872	8,674	2,808	42,623	3,155	49,730	137,862
2 Richmond District	95,365	21,668	4,980	75,286	7,130	18,866	223,295
3 Mission District	145,894	33,321	11,383	127,345	8,631	14,961	341,534
4 Sunset District	57,859	11,240	3,788	41,125	1,932	4,300	120,244
5 Daly City/San Bruno	172,229	30,346	9,965	47,226	1,408	6,359	267,534
6 San Mateo/Burlingame	173,537	19,770	6,196	10,059	1,692	4,550	215,803
7 Redwood City/Menlo Park	185,962	22,145	5,888	10,212	4,260	6,873	235,340
8 Palo Alto/Los Altos	150,761	12,869	2,769	6,355	6,936	7,106	186,796
9 Sunnyvale/Mountain View	244,860	28,841	4,811	11,727	6,313	5,417	301,970
10 Saratoga/Cupertino	271,499	26,734	5,438	6,640	4,115	3,510	317,937
11 Central San Jose	275,591	45,583	13,177	30,240	7,529	11,721	383,841
12 Milpitas/East San Jose	307,736	62,060	15,577	19,222	2,890	4,256	411,741
13 South San Jose/Almaden	168,452	24,218	4,457	22,530	1,810	1,753	223,219
14 Gilroy/Morgan Hill	94,727	14,411	4,327	3,751	1,482	2,359	121,056
15 Livermore/Pleasanton	198,119	25,290	11,268	32,638	5,731	4,624	277,670
16 Fremont/Union City	276,979	52,888	16,218	22,256	4,317	4,280	376,938
17 Hayward/San Leandro	257,104	43,172	12,437	44,724	3,058	5,291	365,786
18 Oakland/Alameda	254,875	51,058	28,399	124,876	6,318	20,244	485,770
19 Berkeley/Albany	83,517	13,038	8,214	54,136	5,632	15,182	179,719
20 Richmond/El Cerrito	149,309	24,866	11,291	55,832	1,209	4,094	246,601
21 Concord/Martinez	180,084	23,645	10,015	30,709	1,748	4,812	251,012
22 Walnut Creek/Lamorinda	97,590	10,736	6,989	29,156	825	2,561	147,857
23 Danville/San Ramon	129,777	17,525	5,913	13,130	1,619	2,056	170,020
24 Antioch/Pittsburg	185,143	31,797	13,699	31,632	1,044	3,621	266,936
25 Vallejo/Benicia	106,757	18,917	15,298	14,564	1,015	2,720	159,271
26 Fairfield/Vacaville	226,813	36,285	27,855	3,634	1,260	5,063	300,910
27 Napa	63,988	9,547	5,194	3,311	650	1,228	83,918
28 St. Helena/Calistoga	24,437	2,950	1,764	118	205	1,923	31,397
29 Petaluma/Sonoma	132,141	18,325	4,562	4,090	1,973	5,799	166,890
30 Santa Rosa/Sebastopol	191,954	22,154	5,844	2,818	2,830	7,712	233,312
31 Healdsburg/Cloverdale	59,790	9,665	3,866	565	509	5,967	80,362
32 Novato	43,425	6,348	1,470	4,496	689	1,411	57,839
33 San Rafael	68,147	10,070	2,210	9,470	1,050	3,326	94,272
34 Mill Valley/Sausalito	65,389	10,494	1,960	8,230	1,438	3,380	90,892
<b>Bay Area</b>	<b>5,170,682</b>	<b>800,650</b>	<b>290,030</b>	<b>944,726</b>	<b>102,403</b>	<b>247,055</b>	<b>7,555,544</b>
San Francisco	329,990	74,903	22,959	286,379	20,848	87,857	822,935
San Mateo	531,728	72,261	22,049	67,497	7,360	17,782	718,677
Santa Clara	1,513,626	214,716	50,556	100,465	31,075	36,122	1,946,560
Alameda	1,070,594	185,446	76,536	278,630	25,056	49,621	1,685,883
Contra Costa	741,903	108,569	47,907	160,459	6,445	17,144	1,082,426
Solano	333,570	55,202	43,153	18,198	2,275	7,783	460,181
Napa	88,425	12,497	6,958	3,429	855	3,151	115,315
Sonoma	383,885	50,144	14,272	7,473	5,312	19,478	480,564
Marin	176,961	26,912	5,640	22,196	3,177	8,117	243,003

**Table C.24**  
**Home-Based Work Trips by Trip Purpose, Superdistrict-of-Work, 2030 Forecast Year**

Superdistrict/County of Work	Drive Alone	Shared Ride		Transit	Bicycle	Walk	Total
		2-person	3-or-More				
1 Downtown San Francisco	152,843	59,827	50,870	511,363	8,318	50,737	833,957
2 Richmond District	75,897	14,749	6,300	38,414	4,369	18,320	158,048
3 Mission District	142,984	31,927	11,842	75,554	6,876	14,720	283,903
4 Sunset District	27,342	4,815	1,838	8,661	1,526	4,028	48,209
5 Daly City/San Bruno	238,084	39,670	16,185	25,041	2,114	7,032	328,127
6 San Mateo/Burlingame	158,643	21,532	8,897	10,693	1,670	4,685	206,120
7 Redwood City/Menlo Park	177,400	27,350	8,808	13,524	3,474	6,777	237,333
8 Palo Alto/Los Altos	222,725	32,322	8,660	12,667	7,090	8,079	291,542
9 Sunnyvale/Mountain View	543,520	88,941	22,999	37,829	9,632	6,658	709,577
10 Saratoga/Cupertino	217,936	27,856	7,673	6,460	3,481	3,716	267,123
11 Central San Jose	260,361	43,473	10,615	34,160	5,470	11,354	365,433
12 Milpitas/East San Jose	195,909	31,089	9,138	10,312	3,513	4,113	254,075
13 South San Jose/Almaden	125,518	15,050	3,816	4,576	1,706	1,764	152,430
14 Gilroy/Morgan Hill	97,402	15,056	5,349	1,991	1,568	2,439	123,806
15 Livermore/Pleasanton	215,943	28,008	9,967	4,220	5,560	4,529	268,226
16 Fremont/Union City	244,364	36,672	13,704	14,580	4,170	3,896	317,386
17 Hayward/San Leandro	225,865	31,882	10,140	14,753	3,167	5,060	290,866
18 Oakland/Alameda	278,139	50,148	17,517	60,172	6,410	20,028	432,415
19 Berkeley/Albany	102,265	15,892	5,822	19,030	5,416	15,103	163,528
20 Richmond/El Cerrito	114,637	17,621	7,144	8,712	1,013	4,069	153,196
21 Concord/Martinez	172,605	21,190	7,180	4,450	1,543	4,830	211,799
22 Walnut Creek/Lamorinda	117,149	11,713	4,519	3,011	1,040	2,590	140,023
23 Danville/San Ramon	98,032	11,441	4,790	2,272	1,277	2,066	119,878
24 Antioch/Pittsburg	117,851	11,186	3,165	3,630	838	3,384	140,053
25 Vallejo/Benicia	81,235	11,819	4,081	2,734	738	2,599	103,205
26 Fairfield/Vacaville	138,377	15,045	3,311	2,008	1,162	5,030	164,934
27 Napa	66,852	8,680	4,475	1,025	856	1,323	83,211
28 St. Helena/Calistoga	24,842	3,807	1,894	127	230	1,927	32,827
29 Petaluma/Sonoma	115,140	14,020	3,405	1,416	1,843	5,086	140,910
30 Santa Rosa/Sebastopol	204,340	23,256	6,460	2,741	3,158	8,725	248,680
31 Healdsburg/Cloverdale	31,872	4,718	1,028	370	377	4,123	42,489
32 Novato	52,715	7,828	2,230	1,433	729	1,466	66,401
33 San Rafael	69,258	11,981	3,375	2,609	987	3,358	91,569
34 Mill Valley/Sausalito	62,639	10,085	2,832	4,190	1,084	3,438	84,267
<b>Bay Area</b>	<b>5,170,684</b>	<b>800,649</b>	<b>290,029</b>	<b>944,728</b>	<b>102,405</b>	<b>247,052</b>	<b>7,555,546</b>
San Francisco	399,066	111,318	70,850	633,992	21,089	87,805	1,324,117
San Mateo	574,127	88,552	33,890	49,258	7,258	18,494	771,580
Santa Clara	1,663,371	253,787	68,250	107,995	32,460	38,123	2,163,986
Alameda	1,066,576	162,602	57,150	112,755	24,723	48,616	1,472,421
Contra Costa	620,274	73,151	26,798	22,075	5,711	16,939	764,949
Solano	219,612	26,864	7,392	4,742	1,900	7,629	268,139
Napa	91,694	12,487	6,369	1,152	1,086	3,250	116,038
Sonoma	351,352	41,994	10,893	4,527	5,378	17,934	432,079
Marin	184,612	29,894	8,437	8,232	2,800	8,262	242,237

**Table D.1**  
**Highway System Supply: Total Lane-Miles by Facility Type by County, 2000-2030**

***Freeway Lane-Miles***

County	2000	2006	2015	2025	2030
Alameda	1,259	1,288	1,342	1,343	1,343
Contra Costa	697	764	799	824	824
Marin	273	286	308	308	308
Napa	32	59	59	59	59
San Francisco	215	216	216	216	216
San Mateo	677	747	722	722	722
Santa Clara	1,172	1,264	1,292	1,317	1,317
Solano	535	554	568	580	580
Sonoma	294	323	366	366	366
Bay Area	5,154	5,500	5,672	5,736	5,736

***Arterial + Expressway Lane-Miles***

County	2000	2006	2015	2025	2030
Alameda	2,709	2,786	2,844	2,844	2,844
Contra Costa	2,045	2,150	2,159	2,155	2,155
Marin	642	649	649	649	649
Napa	605	649	657	657	657
San Francisco	1,134	1,136	1,136	1,136	1,136
San Mateo	1,449	1,477	1,415	1,415	1,415
Santa Clara	3,946	3,913	3,959	3,963	3,963
Solano	913	971	1,009	1,015	1,015
Sonoma	1,341	1,385	1,399	1,407	1,407
Bay Area	14,784	15,116	15,227	15,243	15,243

***TOTAL Lane-Miles***

County	2000	2006	2015	2025	2030
Alameda	3,968	4,074	4,186	4,188	4,188
Contra Costa	2,742	2,914	2,957	2,979	2,979
Marin	914	934	957	957	957
Napa	637	708	716	716	716
San Francisco	1,350	1,352	1,352	1,352	1,352
San Mateo	2,126	2,224	2,138	2,138	2,138
Santa Clara	5,118	5,178	5,251	5,281	5,281
Solano	1,448	1,525	1,577	1,595	1,595
Sonoma	1,635	1,707	1,764	1,773	1,773
Bay Area	19,938	20,616	20,898	20,979	20,979

**Table D.2**  
**Transit System Supply: AM Peak Hour Passenger Seat-Miles, 2000-2030**

*AM Peak Hour Passenger Seat-Miles*

Transit Operator	2000	2006	2015	2025	2030
Muni	396,848	342,386	347,301	347,301	347,301
BART	1,059,555	1,087,695	1,093,995	1,093,995	1,093,995
A.C. Transit	405,828	344,428	560,463	560,463	560,463
Santa Clara Valley Transit	397,554	362,557	489,024	489,024	489,024
SamTrans	179,352	115,040	115,104	115,104	115,104
Golden Gate Transit	273,344	204,403	312,353	312,353	312,353
CalTrain	587,160	683,760	615,720	615,720	615,720
Central Contra Costa Transi	98,524	72,716	81,868	81,868	81,868
Other Operators	543,157	433,644	612,319	662,591	662,591
Bay Area Total	3,941,322	3,646,630	4,228,147	4,278,419	4,278,419

*Share of Regional AM Peak Hour Passenger Seat-Miles*

Transit Operator	2000	2006	2015	2025	2030
Muni	10.1%	9.4%	8.2%	8.1%	8.1%
BART	26.9%	29.8%	25.9%	25.6%	25.6%
A.C. Transit	10.3%	9.4%	13.3%	13.1%	13.1%
Santa Clara Valley Transit	10.1%	9.9%	11.6%	11.4%	11.4%
SamTrans	4.6%	3.2%	2.7%	2.7%	2.7%
Golden Gate Transit	6.9%	5.6%	7.4%	7.3%	7.3%
CalTrain	14.9%	18.8%	14.6%	14.4%	14.4%
Central Contra Costa Transi	2.5%	2.0%	1.9%	1.9%	1.9%
Other Operators	13.8%	11.9%	14.5%	15.5%	15.5%
Bay Area Total	100.0%	100.0%	100.0%	100.0%	100.0%

